

NUMBERS & ODDITIES
a.k.a. the Spooks Newsletter
Edition #154, July 2010

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Check for previous newsletters, info, sound samples and databases also

NUMBERS & ODDITIES	http://www.ary.luna.nl http://www.numbersoddities.nl/index.htm
SPY NUMBERS ONLINE DATABASE	http://www.spynumbers.com/numbersDB/
UTILITY DXERS FORUM (UDXF)	http://www.udxf.nl

Hi, in front of you is the 154th edition of "Numbers & Oddities" with a round-up of the numbers activity in July. This month more on the odd behavior of S28, the Buzzer but first several (news) items.

A nice article appeared on the "Slate" website about Cuban spies and shortwave radio. Bob posted the link on UDXF. <http://www.slate.com/id/2259417/>

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On 11 July we received and interesting e-mail from Ray who writes: "Having worked in the field in the 70's and 80's, one way for the instructions to be passed was via radio but not in the body of the message but in fact in the header. Certain groups in the header gave the instruction to the agent, to expect a valid message later, or to meet the handler or to take a trip to a certain foreign city such as Mexico City to meet in the embassy for detailed instructions, or to be ready to pack and flee at a moment's notice. Most of the long messages were dummy and were sent just to keep the frequencies busy or for traveling agents to check for propagation and reception at certain locations for possible future efforts. Most of the transmissions to agents in the Americas came from the GRU transmitter facilities located at Lourdes-Santiago Cuba. Sometimes one could hear the Radio Habana programming crosstalk on the same as they would be setting up the modulated cw signal. The one time pad was used as well as certain novels for the code preparation. The encryption was then done on a trigraph and prepared for delivery. Usually not by radio but maybe on a letter to Mom or friend and sent by mail. Much different these days with the advent of computers, Email, photo attachments etc."

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The following item was posted by Bryan:

"The USA Network has a new fictional spy series starring Piper Perabo (Coyote Ugly, Rocky & Bullwinkle) called Covert Affairs. Last weeks episode titled

URL: <http://www.usanetwork.com/series/covertaffairs/index.html>

Further to last month's Russian/US spy case:

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- First of all our own N&O website. tiNG submitted over 120 recordings of numbers stations and several unids. The numbers recordings will be on the N&O sound pages shortly while the unids will be stored in the UDXF files section. Check www.numbersoddities.nl/index.htm

http://www.youtube.com/view_play_list?p=735C68C5087F0660

This happened also on 02-3 this year at 1305 UTC. FMB copied V70/00 on 5815 kHz.

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::: V13

Schedules at 0500, 0600, 1200, 1300 UTC on 10522 kHz and 0500, 0600 UTC on 10182 kHz. Possibly also at other times as well.

Usually "program" 4 is being transmitted but westli also copied overdubs of #2 and #3.

See also Westli's V13 pages: <http://www.kentfoto.com/spooks/newstar.htm>

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::: V24

All logged by Tomonori.

Freq.	Day	Date	UTC
5715	Wed	30-6	1500
6215	Wed	30-6	1530
5715	Sun	04-7	1300
6330	Sun	04-7	1329
6215	Sun	04-7	1400
6215	Sun	04-7	1500
6330	Mon	05-7	1400
6730	Mon	05-7	1430
6215	Mon	05-7	1500
6730	Mon	05-7	1530
6730	Mon	05-7	1600

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::: V26

On 31-7 T! from the Mohave Desert surprised us with an extended V26 monitoring report. Thanks for that T!

T! writes:

"Early this month I started looking at a signal that I suspected was V26. It is YL, synthesized, 3FGs, figures in Chinese but letters of lead-in and sign-off are in English. The transmissions are found multiple times a day on 9153.0 USB, for me the best times are between 0800 and 1500 UTC but I suspect it is operating in other time frames also. I have heard this same signal in the past, most often on 8621 LSB. And the 8621 LSB fits frequency and mode with the Enigma Control List 24 description of V26. But, the ECL does not list 9153, (no big deal there, new frequencies show up all the time) and the ECL specifically says V26 is LSB.

This signal is V26 (in addition to the format match the call sign also contains "XS"), and it is definitely USB on this frequency. I recorded every day starting July 5 to today, July 31, 2010. Every day it has been present, sometimes multiple times a day, and every day it has been USB. My point here is that the next addition of the ECL should probably include USB for V26.

Examples here:

- Complete transmission, July 27, 2010, 1345 UTC
http://home.mchsi.com/~token_radio/V26_9153USB_07272010_1345.mp3
- Call-up on July 27, 2010, 1345 UTC
http://home.mchsi.com/~token_radio/V26_9153USB_07272010_Callup.mp3
- "XS" call sign on July 27, 2010, 1345 UTC
http://home.mchsi.com/~token_radio/V26_9153USB_07272010_XScall.mp3
- Ending and clear on July 27, 2010, 1345 UTC
http://home.mchsi.com/~token_radio/V26_9153USB_07272010_End.mp3

The "schedule" for this station is very loose. For example there appears to be a V26 slot at about 1345 UTC. But start times have been anything from 1325 to after 1400, with the majority of start times between 1335 and 1350. Durations are variable also, from just a few minutes to over 45 minutes; the most common appears to be slightly over 30 minutes.

Several times I have heard a YL voice, not synthesized, probably in Chinese, with very short messages on this frequency before a V26 transmission. So far it has always been too weak to get a good recording.

In watching this signal I discovered there is at least one, and maybe two, other signals that are probably related to it in some way. There is a CW signal that most often precedes V26 on this freq. This CW signal does not appear to suffer the same conditions as V26, when one has good conditions the other may or may not show the same, it feels like a different location, and the CW is much more consistent in its power level to my location. The CW is currently centered on 9153.15 kHz, although when I first saw it it was centered on 9153 kHz. It is hand keyed. There are long pauses in the CW, almost as if waiting for response or maybe changing operators. There appears to be different fists (operators) in the CW, most of them are quite bad with uneven dit and dah lengths and poor character spacing. It is sometimes impossible to determine what letters they meant to send, but they are sending what I believe are cut numbers most of the time. For this reason I have not developed a good feel for the format or call signs. I have recordings if anyone wants to take a stab at these.

While I often feel the CW signal is sent from more than one operator in a day (the different fist are fairly clear) the average signal level does not vary with changed operators, so I get the feeling it is one transmitter or location (but not the same transmitter as V26). On July 27 the CW started at 1316:19 and there was nothing unusual about the signal, at 1337:04 (after a pause in the CW of about 50 seconds) there was an obvious change, the frequency changed to 9153

and the average signal level dramatically increased, more than 15 dB higher than the CW had been for the last 20 minutes. This change was not gradual, when the new freq came online it was stronger. 38 seconds after this signal finished (finish at 1344:33) V26 came on (1345:11) at the same received level, I suspect this one CW transmission did come from the same location or transmitter that normally sends V26. I have seen no other signals matching this activity.

The CW and V26 are always deconflicted. No matter how long or short the CW transmission is, V26 always comes up sometime after the CW is complete (if V26 is going to transmit at all). The delay between the CW and V26 that I have seen so far is anything from less than 10 seconds to over 12 minutes, but most common is less than 5 minutes. There is another signal that I am less strongly sure is associated with V26 and the CW signal, this is a 4x4 Modem. The 4x4 appears to be on 9153 LSB, not USB. Most days it is deconflicted with the CW and V26 station. Most days the 4x4 is up first, after it finishes the CW station comes on, and after the CW finishes V26 comes on. At times the 4x4 has paused while the CW transmits, and the 4x4 resumes after the CW is finished, there is normally no overlap between the two signals. On July 25, 26, 27, and 28 there was some overlap between the 4x4, and both the CW and V26. Note, there was no overlap between the CW and V26, only with the 4x4 and both other signals individually.

To reiterate, or each time period the most common sequence is:

1. 4x4 Modem (2 to 30 minutes, most common less than 13)
2. Tune signal on CW frequency (4 to 40 seconds, tune signal is sent most sequences)
3. CW (6 to 50 minutes, most common less than 30)
4. V26 (2 to 55 minutes, most common less than 35)

The logs for the month, I am only listing V26, after I get a better grip on the CW and 4x4 I might include those:

- 9153 kHz, USB, 0955 - 1025:58 UTC, July 5, 2010, signal was already up at start record
- 9153 kHz, USB, 1040 - 1045:26 UTC, July 6, 2010, signal was already up at start record
- 9153 kHz, USB, 1344:27 - 1417:20 UTC, July 6, 2010
- 9153 kHz, USB, 1341:40 - 1416:37 UTC, July 7, 2010
- 9153 kHz, USB, 1015 ñ 1019:12 UTC, July 8, 2010, signal was already up at start record
- 9153 kHz, USB, 1400:17 ñ 1432:11 UTC, July 8, 2010
- 9153 kHz, USB, 1345:50 ñ 1420:00 UTC, July 9, 2010
- 9153 kHz, USB, 1337:02 ñ 1407:24 UTC, July 10, 2010
- 9153 kHz, USB, 1354:44 ñ 1423:42 UTC, July 11, 2010
- 9153 kHz, USB, 0959:12 ñ 1029:00 UTC, July 12, 2010
- 9153 kHz, USB, 1336:33 ñ 1359:32 UTC, July 12, 2010
- 9153 kHz, USB, 1015:58 ñ 1055:31 UTC, July 13, 2010
- 9153 kHz, USB, 1337:00 ñ 1408:47 UTC, July 13, 2010

- 9153 kHz, USB, 1012:20 ñ after 1100 UTC, July 14, 2010, still up at end of recording
- 9153 kHz, USB, 1359:47 ñ 1436:15 UTC, July 14, 2010
- 9153 kHz, USB, 1330 ñ 1455:25 UTC, July 15, 2010, signal was already up at start record
- 9153 kHz, USB, 1331 ñ 1350 UTC, July 16, 2010, unsure of stop time, sig faded
- 9153 kHz, USB, 0941:15 ñ 1012:10 UTC, July 17, 2010
- 9153 kHz, USB, 1333 ñ 1359 UTC, July 17, 2010
- 9153 kHz, USB, 1012:16 ñ 1049:56 UTC, July 18, 2010
- 9153 kHz, USB, 1335:20 ñ 1406:18 UTC, July 18, 2010
- 9153 kHz, USB, 1008:05 ñ 1052:58 UTC, July 19, 2010
- 9153 kHz, USB, 1339:55 ñ 1415:10 UTC, July 19, 2010
- 9153 kHz, USB, 1344:57 ñ 1419:35 UTC, July 20, 2010
- 9153 kHz, USB, 0950:10 ñ 1020:31 UTC, July 21, 2010
- 9153 kHz, USB, 1311:37 ñ 1312:02 UTC, July 21, 2010, stopped mid group, possible error transmission
- 9153 kHz, USB, 0900 ñ 0900:54 UTC, July 22, 2010, signal was already up at start of record, just caught end
- 9153 kHz, USB, 1003:05 ñ 1013:26 UTC, July 22, 2010
- 9153 kHz, USB, 1336 ñ 1412:40 UTC, July 22, 2010
- 9153 kHz, USB, 0934:08 ñ 1009:20 UTC, July 23, 2010
- 9153 kHz, USB, 1341:31 ñ 1409:28 UTC, July 23, 2010
- 9153 kHz, USB, 0952:30 ñ 1008:40 UTC, July 24, 2010
- 9153 kHz, USB, 1325:40 ñ 1349:53 UTC, July 24, 2010
- 9153 kHz, USB, 0912:54 ñ 0915:41 UTC, July 25, 2010, concurrent with 4x4 modem, V26 stopped mid group, possible error transmission
- 9153 kHz, USB, 0953:02 ñ 1027:31 UTC, July 25, 2010
- 9153 kHz, USB, 1334:16 ñ 1402:37 UTC, July 25, 2010
- 9153 kHz, USB, 0944:39 ñ 1023:52 UTC, July 26, 2010, concurrent with 4x4 modem
- 9153 kHz, USB, 1340:38 ñ 1356:20 UTC, July 26, 2010
- 9153 kHz, USB, 1007:55 ñ 1044:40 UTC, July 27, 2010, concurrent with 4x4 modem
- 9153 kHz, USB, 1345:11 ñ 1423:02 UTC, July 27, 2010
- 9153 kHz, USB, 0949:16 ñ 1030:42 UTC, July 28, 2010, concurrent with 4x4 modem
- 9153 kHz, USB, 1336:13 ñ 1407:19 UTC, July 28, 2010
- 9153 kHz, USB, 0933:10 ñ 1004:00 UTC, July 29, 2010
- 9153 kHz, USB, 1344:36 ñ 1411:19 UTC, July 29, 2010
- 9153 kHz, USB, 0946:28 ñ 1020:17 UTC, July 30, 2010
- 9153 kHz, USB, 1339:19 ñ 1407:32 UTC, July 30, 2010
- 9153 kHz, USB, 0941:03 ñ 1013:18 UTC, July 31, 2010
- 9153 kHz, USB, 1328:14 ñ 1352:49 UTC, July 31, 2010"

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::: VC01

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5288 kHz, 1132 UTC, 31-7
5288 kHz, 1205 UTC, 31-7
6855 kHz, 2238 UTC, 31-7

::: VTN - VIETNAMESE NUMBERS

* MORSE STATIONS *

$$\vdots \vdots \vdots \quad \text{MX}$$

European beacons: D, P, S, C, A
Asian beacons: F, K, M

::: M18

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::: M21

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Id "0": 3246.5, 5752, 5873 kHz
Id "8": 5752, 5873 kHz
Id "9": 9222 kHz
Id "??": 6807.5, 7402 kHz
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=2781025073242

=99?0006??8?????
 =11929205035636
 =13743204057537
 =99?1838?9?????
 =11929205036537
 =11929205036638
 =99?1840?9?????
 =11929205036840
 =41930????2?????
 =13913204096539
 =11929205036441
 =23743901050501
 =99?1842?9?????
 =11929205035942
 =11929205077743
 =13913204096539
 =13819209073944
 =990241??0?????

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::: M22

4ZX - Israeli Navy Haifa on 2680, 4331 and 6379 kHz, its usual morse frequencies with "VVV DE 4XZ 4XZ" or 5L messages.

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::: M51

Although much less often reported, FAV22/M51 keeps on going. See our Logs Section for this month's logs.

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::: M89

NYZ was again active on 10640 kHz. This time copied by JPL.

V MB3R MB3R MB3R DE YABX YABX	on 8385 kHz
V DKG6 DKG6 DKG6 DE 3A7D 3A7D	on 5500, 7602 kHz
VVV Q2M Q2M Q2M DE NYZ NYZ	on 4860, 6840, 10640 kHz
V QPZM QPZM QPZM DE WOXN WOXN	on 4523, 5310, 7833 kHz
V 7NPE 7NPE 7NPE DE QV5B QV5B	on 5500 kHz
V GKZV GKZV GKZV DE Q7NW Q7NW	on 5278 kHz

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::: M94

Only one log this month. Thanks Tomonori !
5715 kHz, Fri 02-7, 1300 UTC, Id: 1017

★ VARIOUS MODES ★

::: S28 - THE BUZZER

The Buzzer, or should we call it the "vuvuzela", is still frequently heard on a number of frequencies. I copied the oddities a couple of times. Unfortunately I cannot hear the station during the day but Rimantas Pleikys can hear the buzzer 24/7 at his location and reported a number of oddities throughout the month.

Sometimes you can hear only carriers on the parasitic frequencies while the buzzer is still on 4625 kHz, which leads me to believe that there are more than one transmitters.

02-7: The Buzzer via possibly 2 transmitters. Frequencies +/- 4585, 4625, 4666, 4705, 4745 kHz. Harmonic on 9250 kHz.

06-7: Buzzer on 4625 kHz. During several hours all parasitic emissions of UVB-76 were without audio. Carriers only on 4544.44, 4584.72, 4665.28, 4705.56, 4745.84, 4786.12 kHz.

07-7: Buzzer on 4585, 4625, 4666, 4707, 4746 kHz.

11-7: 1720 UTC the usual channel marker audio signal re-appeared on all parasitic emissions. It was absent for five days.

12-7: Buzzer on 4625 and at 1300 UTC the first upper parasitic emission of UVB-76 was monitored on 4668.65 kHz. The lowest monitored frequency was 4663.80 kHz.

15-7: Between 2030 and 2310 UTC the frequency of the first upper off-band emission of UVB-76 drifted from 4663.61 to 4663.32 kHz (average speed = 1 Hz / 33 sec.) and created interference to Tashkent Meteo on 4663 USB. So far the highest observed frequency is 4668.50; the lowest 4663.32 kHz.

22-7: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz at 2111 UTC.

24-7: The Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz at 2105 UTC.

31-7: The Buzzer on 4586, 4625, 4663, 4702, 4744 kHz at 2210 UTC.

As you may have noticed the space between the frequencies varies. Rimantas explains:

"The frequency of the first upper emission (and the space between emissions) is constantly and slowly shifting. The lowest frequency observed since June 24 was 4663.80 kHz. The highest frequency was 4665.89 kHz. Accordingly, the space shifted between 38.80 and 40.89 kHz.

For example: June 26 (UTC time, frequency of the first upper emission in kHz, space between emissions in kHz):

07:30	4665.19	40.19
08:30	4665.05	40.05
09:30	4665.04	40:04
10:30	4664.98	39.98
(...)		
13:30	4665.07	40.07
14:30	4664.95	39.95
15:30	4664.92	39.92
16:30	4664.78	39.78
17:30	4664.79	39.79
18:30	4664.78	39.78
19:30	4664.82	39:82
20:30	4664.91	39.91 and so on.

The main frequency (4625 kHz) is not shifting. Audio sometimes is not present on the parasitic emissions. Let's presume that two transmitters operate. The first transmitter is stable on 4625.00 (although emits harmonics on 9250 and 13875). The second transmitter produces many parasitic emissions at spaces between 38.80 and 40.9 kHz. The question is why there is no frequency shifting between the two transmitters on 4625 kHz?"

Thanks for your comments, Rimantas!!

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::: S30

The Pip has been copied on both its day and night frequencies 3756 and 5448 kHz.

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::: X06 / M42

16025.0	1442	25-06	Mazielka. Sequence: 156234
14845.0	0747	02-07	Mazielka. Sequence: 641523
13452.0	0647	05-07	Mazielka. Sequence: 165324

16045.5	1303	05-07	Russian Gov/Intel. Mode: CROWD36
14650.0	1632	05-07	Mazielka. Sequence: 215346
12224.0	1604	07-07	Mazielka. Sequence: 463125
14970.0	0819	07-07	Mazielka. Sequence: 216354
16320.0	0849	07-07	Mazielka. Sequence: 241563
12224.0	1801	07-07	Mazielka. Sequence: 463125
10767.0	1746	10-07	Mazielka. Sequence: 534216
10767.0	1417	11-07	Mazielka. Sequence: 534216
13423.0	0818	12-07	Mazielka. Sequence: 421635
15735.0	0910	12-07	Russian Gov/Intel. Mode: CROWD36
13382.0	0922	12-07	Russian Gov/Intel. Mode: CROWD36
16156.5	0858	19-07	Russian Gov/Intel. Mode: CROWD36
9043.0	0249	21-07	Russian Gov/Intel. 5FGs with "=50=" separator, time in UTC & OP-Chat. Mode: Baudot 50/500/R
13985.0	0617	21-07	Russian Gov/Intel. Crypto. Mode: Baudot 50/500E
14500.0	0701	21-07	Russian Gov/Intel. Crypto. Mode: Baudot 50/500E
16045.4	0816	21-07	Russian Gov/Intel. Crypto. Mode: CROWD36
16153.4	0826	21-07	Russian Gov/Intel. Crypto. Mode: CROWD36
12184.0	0907	21-07	Russian Gov/Intel. Crypto. Mode: Baudot 50/500E
5732.0	0923	22-07	Russian Gov/Intel. "XXX FM 73857 FOR 57115= 09378 98037 76383 66525 56263 =89603 -0923", "R ?" into CW/A1A OP-Chat Mode: Baudot 50/500
19526.0	0936	22-07	Russian Gov/Intel. Mode: Baudot 75/500
12230.0	1001	22-07	Russian Gov/Intel. Crypto. Mode: Baudot 50/500E
14655.4	0751	23-07	Russian Gov/Intel. Crypto. Mode: CROWD36
14650.0	0952	23-07	Mazielka. Sequence: 215346
12230.0	0651	26-07	Russian Gov/Intel. Crypto. Mode: Baudot 50/500E
11071.4	0927	26-07	Russian Gov/Intel. Crypto. Mode: CROWD36

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::: SK01

You will find quite a lot of RDFT logs in the Logs Section, including Barry's logs. Barry found a new active frequency at 1600 UTC: 6768 kHz.

* MILITARY STATIONS *

::: M32 RUSSIAN/CIS/UKRAINIAN MILITARY SSB & CW STATIONS

18.1 Russian Mil via Krasnodar. REU message in slow Morse, eight 5FGs, repeated twice at 1030 UTC, 21-7. The Russian navy 18.1 kHz VLF network (5 stations) operates with the callsigns RDL, RKS, REU.

3531.0 Russian Strategic Air Broadcast: REA4.

5011.0 Russian Mil: RDL. Russian Military Strategic broadcast 2203 UTC, 31-7.
 "...33 K" "RDL = 51664 956... ... 51664 94856", "XXX"

5851.0 Russian Navy (tent). "..... 00006 00006 40013 00103 00006 40011 00001
 00612 40011 00_02 00612 40012 00005 00612 70016 00006 00612 50013
 00102 00612 50012 AR". Long zeros.

6832.0 Navy Kaliningrad: "REO DE RMP QTC 124 122 23 1957 124 = SML = PROGNOZ
 POGODY"

6846.0 CIS Mil: "JFQ2 QTC ZOP AR"

6902.0 Russian Mil: "xxx xxx RDL RDL"

6963.0 Russian Mil: "PYNV DE XHNY QTC 535 36 25 T71T 535 = 724 ="

7122.0 Russian Mil: "RDL RDL RDL 15264 58479"
 "RDL 69576 96203", "RDL 19917 24062",
 "RDL RDL RDL 96806 00185 96806 00185 96806 00185 K"
 "RDL RDL RDL 30158 06951 30158 06951 30158 06951 K"
 "RDL RDL RDL 73407 10204 73407 10204 73407 10204 K"

7664.0 Russian Navy: RIW wkg RMXV "QYT 9 QSX 11429"

7872.0 Russian Mil: IJSZ. "IJSZ QTC 3853 26 2240 38 = 575 =" into 5F msg.
 Russian Mil. Broadcast " LDBO QTC 386 24 30 2030 386 = ZSU 452 =
 7771 6741 0161 ... 4673 3020 760 AR"

7959.0 Russian Strategic Air Broadcast: REA4.

8816.0 Russian Navy: RCB. 4F message ending "RCB RCB QSA2 QRV"

9044.0 Russian Mil: "RDL RDL 84424 39124 84424 39124 84424 39124 k"

9145.0 Russian Navy Kaliningrad: "RCIG DE RIW QSA?"

10327.0 CIS Mil. Simplex net, 5LG msg's, net chatter very active at 0330 UTC,
 20-7.

††

10561.0 CIS Mil: "xxx WEGI were^nie 8622 3545 k"

10816.0 Russian Strategic Air REA4.

†

10987.0 Russian Mil: B3BP. "B3BP QTC 819 26 5 2104 919 = 729 ="
 Russian Mil: "ZQBF clg YJAC"
 Russian Mil: "Y7WJ DE GIYQ QTC 32 26 21T4 665 = 543 ="

11000.0 Russian Navy: "RMXV DE RIW QYT4 QWH 12669 QSX 16611"

11064.0 Russian Mil: "XMOW QTC 381 24 12 224T 371 = 306 ="

12464.0 Russian war ship RMXV: "RIW DE RMXV QSX 8632"

12692.0 Russian war ship RDND wkg RJE56: "RJE56 DE RDND K";
"RDND DE RJE56 QYT4 QSA?"; "RJD25 DE RJE56 QSA?"

12787.0 Russian Mil: "FTVE DE XEJX QTC 313 29 113T 313 = ZVS 887 = P P P P P"

13096.0 CIS Mil: "vvv ocob de hawm qrxj?"

13478.0 Russian Air Force: REA4. 5FGs message, ends: "60000 10206 86030 = REA4"
†

14081.0 Russian Mil: 40L3 "QRJ3 QJG QYT9 k"

14108.0 Russian Mil: 40L3, XS3X, ASOS, TSZQ, 9LFG.
"ZLK ZFD ZZG QYT6 k", "ZKA ZZG QYT6 k", "TSZQ de 9LFG R K",
"ASOS de 9LFG QYT6 K"

14411.5 Russian Mil: "UUU RDL 38582 26976"

14556.0 Russian Navy Moscow: RIW duplex radio check with RKW95 and RCIG.

12464.0 CIS Navy RIS96 msg to RIT: "QYT9 QSX 14637 k"
†

15812.0 Russian Navy RIT msg to RIS96.

14637.0 Russian Navy: RIT.

16112.0 Russian Navy: RDL "xxx xxx"

16137.0 Russian Navy. RCV wkg RMXV: "QYT4 QSX 21483 k"

* UTILITY ROUND-UP *

::: UNID STATIONS

We can use some help with these unid stations. If anyone can identify them,
please let us know.

6640.0 kHz, 0835 UTC, 28-7, Morse. "== cq de 143601 attention pour viktor"
repeated. (FN)

10375.0 kHz, 1527 UTC, 30-7, Morse. 5FGs, long zeros:
"92709 54057 60644 KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK" and gone. (MPJ)

12263.0 kHz, 1612 UTC, 30-7, USB. YL in Russian using NATO phonetics.
"2DLV LZGU BNMK RILU NLBD GB_LKPRBO HUT_" mentioned. (MPJ)

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::: 0L032 - CZECH INTELLIGENCE

Mode: FEC 100/170

Logged in July:

5124.36	2015 04-7	c/s	0L032
7726.36	1515 06-7	c/s	0L032

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: CHURCH RADIO

Local church services can often be heard on 27 MHz FM. Several services from Ireland were logged on 27611, 27631, 27631.1, 27641.1, 27651.2, 27691.1, 27741, 27775.8, 27834.5, 27981, 28265 kHz.

Services from the United Kingdom have recently been copied on 27601.2, 27621, 27681, 27711.2, 27781, 27791.3, 27843.8, 27891 kHz.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: RUSSIAN TAXI'S

Russian taxi traffic was audible on the following frequencies: 28005, 28035, 28055, 28065, 28075, 28085, 28090, 28105, 28115, 28135, 28145, 28155, 28165, 28175, 28225, 28295, 28305, 28325, 28400, 28710, 28785, 28935, 29195 kHz.

* LOGS SECTION *

2680	M22	Mode: CW Date/time: 7-7-2010, 2250 UTC Remarks: 4XZ - Israeli Navy Haifa Contr: (norave)
2680	M22	Mode: CW Date/time: 19-7-2010, 2048 UTC Remarks: 4XZ: ISR Haifa Naval "VVV DE 4XZ" Contr: (VL)
3150	E10	Mode: AM Date/time: 27-7-2010, 1901 UTC

		Remarks: PCD2 Contr: (CK)
3150	E10	Mode: AM Date/time: 27-7-2010, 1931 UTC
		Remarks: PCD2 Contr: (CK)
3150	E10	Mode: AM Date/time: 28-7-2010, 1931 UTC
		Remarks: PCD2 Contr: (CK)
3246.5	M21	Mode: CW Date/time: 5-7-2010, 2024 UTC
		Remarks: PVO in progress. Very weak signal Contr: (AB-HK)
3415	E10	Mode: AM Date/time: 29-7-2010, 0201 UTC
		Remarks: ART //5435 kHz Contr: (CK)
3594.8	MX	Mode: CW Date/time: 21-7-2010, 2109 UTC
		Remarks: Beacon "P" Contr: (AB)
3756	S30	Mode: CW Date/time: 7-7-2010, 2039 UTC
		Remarks: Pip Contr: (AB-SE)
3756	S30	Mode: CW Date/time: 20-7-2010, 2023 UTC
		Remarks: The Pip Contr: (AB)
3756	S30	Mode: CW Date/time: 22-7-2010, 2114 UTC
		Remarks: The Pip Contr: (AB)
3756	S30	Mode: CW Date/time: 30-7-2010, 2111 UTC
		Remarks: Pip Contr: (AB)
3828.4	S32	Mode: USB Date/time: 16-7-2010, 2114 UTC
		Remarks: Squeaky Wheel slower than normal Contr: (AB)
3828.9	S32	Mode: USB Date/time: 8-7-2010, 2028 UTC
		Remarks: Squeaky Wheel Contr: (AB)
3828.9	S32	Mode: USB Date/time: 22-7-2010, 2117 UTC
		Remarks: Squeaky Wheel Contr: (AB)
4270	E10	Mode: AM Date/time: 23-7-2010, 1830 UTC
		Remarks: PCD2 Contr: (FN)
4270	E10	Mode: AM Date/time: 27-7-2010, 1901 UTC
		Remarks: PCD2 Contr: (CK)
4270	E10	Mode: AM Date/time: 27-7-2010, 1931 UTC
		Remarks: PCD2 Contr: (CK)
4270	E10	Mode: AM Date/time: 28-7-2010, 1830 UTC
		Remarks: PCD2 Contr: (FN)
4270	E10	Mode: AM Date/time: 28-7-2010, 1931 UTC
		Remarks: PCD2 Contr: (CK)
4331	M22	Mode: CW Date/time: 16-7-2010, 1946 UTC
		Remarks: 4XZ Israeli Navy Haifa Contr: (norave)
4331	M22	Mode: CW Date/time: 19-7-2010, 2045 UTC
		Remarks: 4XZ: ISR Haifa Naval "VVV DE 4XZ" Contr: (VL)
4331	M22	Mode: CW Date/time: 23-7-2010, 1855 UTC
		Remarks: 4XZ: Navy Haifa ISR "vvv de 4XZ 4XZ", rptd. Contr: (FN)
4503	M18	Mode: CW Date/time: 22-7-2010, 2127 UTC
		Remarks: Time strings 0127 0127 0128 0128 etc (UTC) Contr: (AB)
4503	M18	Mode: CW Date/time: 26-7-2010, 2018 UTC
		Remarks: Time stamps Contr: (JPL-HK)
4503	M18	Mode: CW Date/time: 28-7-2010, 1836 UTC

4523	M89	Remarks: 2236 2236 2236... "The Clock" Contr: (FN) Mode: CW Date/time: 7-7-2010, 1843 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (AB-HK)
4523	M89	Mode: CW Date/time: 26-7-2010, 2007 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (JPL-HK)
4557.8	MX	Mode: CW Date/time: 21-7-2010, 2109 UTC Remarks: Beacon "P" Contr: (AB)
4560.0	E10	Mode: USB Date/time: Thu 15-7-2010, 0023 UTC Remarks: very weak signal, transmission stopped without END OF... Contr: (IP-SE)
4560.0	E10	Mode: USB Date/time: Thu 15-7-2010, 0023 UTC Remarks: very weak signal, transmission stopped without END OF... Contr: (IP-SE)
4585	S28	Mode: AM Date/time: 2-7-2010, 2159 UTC Remarks: The Buzzer on 5 freqs. Possibly 2 transmitters. Freqs 4585, 4625, 4666, 4705, 4745 kHz. Contr: (AB)
4586	S28	Mode: AM Date/time: 30-7-2010, 2110 UTC Remarks: the Buzzer on 4586, 4625, 4663, 4702, 4744 kHz Contr: (AB)
4587	S28	Mode: AM Date/time: 22-7-2010, 2111 UTC Remarks: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz Contr: (AB)
4588	S28	Mode: AM Date/time: 24-7-2010, 2105 UTC Remarks: the Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: 2-7-2010, 2159 UTC Remarks: The Buzzer on 5 freqs. Possibly 2 transmitters. Freqs 4585, 4625, 4666, 4705, 4745 kHz. Contr: (AB)
4625	S28	Mode: AM Date/time: 7-7-2010, 2039 UTC Remarks: Buzzer on 4585, 4625, 4666, 4707, 4746 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: 22-7-2010, 2111 UTC Remarks: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: 24-7-2010, 2105 UTC Remarks: the Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: 30-7-2010, 2110 UTC Remarks: the Buzzer on 4586, 4625, 4663, 4702, 4744 kHz Contr: (AB)
4625.0	S28	Mode: AM Date/time: Sat 3-7-2010, 1838 UTC Remarks: Contr: (TI)
4625.0	S28	Mode: AM Date/time: Sat 3-7-2010, 1838 UTC Remarks: Contr: (TI)
4663	S28	Mode: AM Date/time: 30-7-2010, 2110 UTC Remarks: the Buzzer on 4586, 4625, 4663, 4702, 4744 kHz

		Contr: (AB)
4663.3	S28	Mode: AM Date/time: 22-7-2010, 2111 UTC Remarks: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz Contr: (AB)
4663.3	S28	Mode: AM Date/time: 24-7-2010, 2105 UTC Remarks: the Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz Contr: (AB)
4666	S28	Mode: AM Date/time: 2-7-2010, 2159 UTC Remarks: The Buzzer on 5 freqs. Possibly 2 transmitters. Freqs 4585, 4625, 4666, 4705, 4745 kHz. Contr: (AB)
4701.9	S28	Mode: AM Date/time: 24-7-2010, 2105 UTC Remarks: the Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz Contr: (AB)
4702	S28	Mode: AM Date/time: 22-7-2010, 2111 UTC Remarks: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz Contr: (AB)
4702	S28	Mode: AM Date/time: 30-7-2010, 2110 UTC Remarks: the Buzzer on 4586, 4625, 4663, 4702, 4744 kHz Contr: (AB)
4705	S28	Mode: AM Date/time: 2-7-2010, 2159 UTC Remarks: The Buzzer on 5 freqs. Possibly 2 transmitters. Freqs 4585, 4625, 4666, 4705, 4745 kHz. Contr: (AB)
4740	S28	Mode: AM Date/time: 22-7-2010, 2111 UTC Remarks: The Buzzer on 4587, 4625, 4663.3, 4702, 4740 kHz Contr: (AB)
4740.2	S28	Mode: AM Date/time: 24-7-2010, 2105 UTC Remarks: the Buzzer on 4588, 4625, 4663.3, 4701.9, 4740.2 kHz Contr: (AB)
4744	S28	Mode: AM Date/time: 30-7-2010, 2110 UTC Remarks: the Buzzer on 4586, 4625, 4663, 4702, 4744 kHz Contr: (AB)
4745	S28	Mode: AM Date/time: 2-7-2010, 2159 UTC Remarks: The Buzzer on 5 freqs. Possibly 2 transmitters. Freqs 4585, 4625, 4666, 4705, 4745 kHz. Contr: (AB)
4840.55	M51	Mode: CW Date/time: 16-7-2010, 2254 UTC Remarks: French MIL training net (1993 timestamp) Contr: (linkz)
4860	M89	Mode: CW Date/time: 8-7-2010, 1723 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ Contr: (GFD)
4860	M89	Mode: CW Date/time: 26-7-2010, 2020 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 31-7-2010, 2220 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ (R5) Contr: (JPL-HK)
4880	E10	Mode: AM Date/time: 23-7-2010, 2000 UTC Remarks: ULX gr 8 txt MESLU Contr: (FN)
4880	E10	Mode: AM Date/time: 27-7-2010, 2001 UTC

		Remarks: ULX GR 8, MESLU... Contr: (CK)
4909	E11	Mode: USB Date/time: Sat 10-7-2010, 1405 UTC Remarks: 267/00 Contr: (HFD)
4909	E11	Mode: USB Date/time: Sat 24-7-2010, 0725 UTC Remarks: 248/00 Contr: (HFD)
4909	E11	Mode: USB Date/time: Thu 29-7-2010, 0725 UTC Remarks: 248/00 Contr: (HFD)
5066.5	M51	Mode: CW Date/time: 21-7-2010, 0459 UTC Remarks: NR 20 J 21 07:10:02 1983 BT WCRGZ AODAM ZTPGT Contr: (BCI)
5075	M01b	Mode: CW Date/time: 23-7-2010, 1900 UTC Remarks: 336 721 30 == 17698 //5465 kHz Contr: (FN)
5124.36	OL03	Mode: FEC 100/170 Date/time: 4-7-2010, 2015 UTC Remarks: Czech Intel. Encrypted messages Contr: (MPJ)
5137.9	MX	Mode: CW Date/time: 20-7-2010, 1927 UTC Remarks: Beacon "S" Contr: (MPJ)
5145	M01c	Mode: CW Date/time: 28-7-2010, 1850 UTC Remarks: call: 555 addressees: 56926 55163 56125 57358, no msg, 111, EOT Contr: (FN)
5151	M01b	Mode: CW Date/time: 26-7-2010, 1915 UTC Remarks: 858 254 63 == 34511 //5475 Contr: (FN)
5153.7	MX	Mode: CW Date/time: 7-7-2010, 2209 UTC Remarks: Russian Navy Beacon "D" Sevastopol Contr: (norave)
5153.7	MX	Mode: CW Date/time: 16-7-2010, 1856 UTC Remarks: Beacon "D" Contr: (norave)
5153.7	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "D" Contr: (CK)
5153.7	MX	Mode: CW Date/time: 20-7-2010, 1927 UTC Remarks: Beacon "D" Contr: (MPJ)
5153.8	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "P" Contr: (CK)
5153.9	MX	Mode: CW Date/time: 7-7-2010, 2209 UTC Remarks: Russian Navy Beacon "S" Sevoromorsk Contr: (norave)
5154.7	MX	Mode: CW Date/time: 7-7-2010, 2041 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
5154.9	MX	Mode: CW Date/time: 7-7-2010, 2041 UTC Remarks: Beacon "S" Sevoromorsk Contr: (AB)
5237.8	MX	Mode: CW Date/time: 20-7-2010, 1927 UTC Remarks: Beacon "P" Contr: (MPJ)
5278	M89	Mode: CW Date/time: 31-7-2010, 1057 UTC Remarks: V GKVZ DE Q7NW. Repeats this call. Contr: (EW)
5288	VC01	Mode: USB Date/time: 31-7-2010, 1132 UTC Remarks: Chinese Robot Contr: (AB-HK)
5288	VC01	Mode: USB Date/time: 31-7-2010, 1205 UTC Remarks: Robotic Chinese Station. Numbers being read out. Very echoy audio. Contr: (EW)

5310	M89	Mode: CW Date/time: 17-7-2010, 1903 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (AB)
5310	M89	Mode: CW Date/time: 31-7-2010, 2215 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (JPL-HK)
5320	S06s	Mode: AM Date/time: Thu 22-7-2010, 1400 UTC Remarks: 624 weak Contr: (HFD)
5417.0	V2a	Mode: AM Date/time: Fri 23-7-2010, 0200 UTC Remarks: SSYL: Deep fades render readability
5417.0	V2a	useless. Contr: (westli) Mode: AM Date/time: Fri 23-7-2010, 0200 UTC Remarks: SSYL: Deep fades render readability
5417.0	V2a	useless. Contr: (westli) Mode: AM Date/time: Fri 30-7-2010, 0200 UTC Remarks: SSYL atencion: 65881 28072 41162 Contr: (westli)
5417.0	V2a	Mode: AM Date/time: Fri 30-7-2010, 0200 UTC Remarks: SSYL atencion: 65881 28072 41162 Contr: (westli)
5430	S06s	Mode: AM Date/time: 27-7-2010, 0700 UTC Remarks: 374 215 7 ... (0710z txm n.h., QRM) Contr: (FN)
5435	E10	Mode: AM Date/time: 29-7-2010, 0201 UTC Remarks: ART 2 MSGS GR 54 "ESRGV", GR 63 "RNJFR" Contr: (CK)
5435.0	E10	Mode: USB Date/time: Tue 27-7-2010, 0017 UTC Remarks: Contr: (Phil2)
5435.0	E10	Mode: USB Date/time: Tue 27-7-2010, 0017 UTC Remarks: Contr: (Phil2)
5448	S30	Mode: CW Date/time: 20-7-2010, 0346 UTC Remarks: The Pip Contr: (CK)
5448	S30	Mode: CW Date/time: 22-7-2010, 0450 UTC Remarks: The Pip Contr: (AB)
5465	M01b	Mode: CW Date/time: 23-7-2010, 1900 UTC Remarks: 336 721 30 == 17698 //5075 kHz Contr: (FN)
5500	M89	Mode: CW Date/time: 17-7-2010, 1901 UTC Remarks: V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (AB)
5500	M89	Mode: CW Date/time: 26-7-2010, 2008 UTC Remarks: V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 31-7-2010, 2218 UTC Remarks: V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (JPL-HK)
5715.0	M94	Mode: MCW Date/time: Fri 2-7-2010, 1300 UTC Remarks: id:1017 Contr: (TI)
5715.0	M94	Mode: MCW Date/time: Fri 2-7-2010, 1300 UTC Remarks: id:1017 Contr: (TI)
5715.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1300 UTC

		Remarks: Contr: (TI)
5715.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1300 UTC
		Remarks: Contr: (TI)
5732	M42	Mode: Baudot 50/500 Date/time: 22-7-2010, 0923 UTC
		Remarks: Russian Gov/Intel. "XXX FM 73857 FOR 57115=09378 98037 76383 66525 56263 =89603 -0923", "R ?" into CW/A1A OP-Chat Contr: (Alf)
5752	M21	Mode: CW Date/time: 5-7-2010, 2018 UTC
		Remarks: PVO in progress. Very weak signal Contr: (AB-HK)
5752	M21	Mode: CW Date/time: 6-7-2010, 2005 UTC
		Remarks: Russian Air Defence. =99TTT6??8???? Contr: (PPA)
5752	M21	Mode: CW Date/time: 31-7-2010, 2241 UTC
		Remarks: Russian Air Defense: =990241??0????? Contr: (JPL-S)
5762.0	V2a	Mode: AM Date/time: Sat 3-7-2010, 0200 UTC
		Remarks: SSYL atencion: 17321 40511 05252 Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 3-7-2010, 0200 UTC
		Remarks: SSYL atencion: 17321 40511 05252 Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 10-7-2010, 0200 UTC
		Remarks: SSYL atencion: 46562 55865 07112 Good sig. Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 10-7-2010, 0200 UTC
		Remarks: SSYL atencion: 46562 55865 07112 Good sig. Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 17-7-2010, 0200 UTC
		Remarks: SSYL atencion: 12452 65771 35351 Very weak sig. Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 17-7-2010, 0200 UTC
		Remarks: SSYL atencion: 12452 65771 35351 Very weak sig. Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 31-7-2010, 0200 UTC
		Remarks: SSYL atencion: 78871 88472 42882 Good sig. Contr: (westli)
5762.0	V2a	Mode: AM Date/time: Sat 31-7-2010, 0200 UTC
		Remarks: SSYL atencion: 78871 88472 42882 Good sig. Contr: (westli)
5773	E07	Mode: USB Date/time: 28-7-2010, 2042 UTC
		Remarks: 147 147 147 1 37673 => 5F msg ending 000 000 Contr: (PPA)
5788	M12	Mode: CW Date/time: Wed 7-7-2010, 1740 UTC
		Remarks: 463 1 Contr: (HFD)
5788	M12	Mode: CW Date/time: 27-7-2010, 1640 UTC
		Remarks: 463 1 2716 62 98926 Contr: (FN)
5800	M08a	Mode: CW Date/time: 3-7-2010, 0600 UTC
		Remarks: Cuban DGI 5F msg using cut numbers Contr: (PPA)

5800	M08a	Mode: MCW Date/time: 26-7-2010, 0307 UTC Remarks: in progress Contr: (Vambo)
5800	SK01	Mode: RDFT Date/time: 17-7-2010, 0558 UTC Remarks: good signal, carrier up early and first RDFT at 0558 Contr: (SP2)
5800.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0600 UTC Remarks: 58131 87611 92071 Contr: (BS3)
5800.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0600 UTC Remarks: 58131 87611 92071 Contr: (BS3)
5800.7	M08a	Mode: CW Date/time: 19-7-2010, 0600 UTC Remarks: in progress Contr: (rus1)
5810	M08a	Mode: CW Date/time: 18-7-2010, 0602 UTC Remarks: in progress Contr: (AB)
5810	S06	Mode: AM Date/time: 2-7-2010, 0610 UTC Remarks: 934 820 5 75355... Contr: (HS2)
5810.0	M8	Mode: AM Date/time: Sun 11-7-2010, 0620 UTC Remarks: Actual start time not known, came across in the middle of the broadcast Contr: (BH)
5810.0	M8	Mode: AM Date/time: Sun 11-7-2010, 0620 UTC Remarks: Actual start time not known, came across in the middle of the broadcast Contr: (BH)
5810.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0630 UTC Remarks: TFC on wrong freq should be SK01 Contr: (BS3)
5810.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0630 UTC Remarks: TFC on wrong freq should be SK01 Contr: (BS3)
5810.0	M8a	Mode: AM Date/time: Sun 25-7-2010, 0500 UTC Remarks: S9 in Sao Paulo - Brazil Contr: (AgBr)
5810.0	M8a	Mode: AM Date/time: Sun 25-7-2010, 0500 UTC Remarks: S9 in Sao Paulo - Brazil Contr: (AgBr)
5810.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5810.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5810.0	SK01	Mode: AM Date/time: Sun 25-7-2010, 0545 UTC Remarks: Sent 45438942.txt in RDFT mode. Some times broken. Contr: (AgBr)
5810.0	SK01	Mode: AM Date/time: Sun 25-7-2010, 0545 UTC Remarks: Sent 45438942.txt in RDFT mode. Some times broken. Contr: (AgBr)
5810.0	v2a	Mode: AM Date/time: Fri 2-7-2010, 0006 UTC Remarks: Spanish voice numbers and MCW Contr: (KB0PQP)
5810.0	v2a	Mode: AM Date/time: Fri 2-7-2010, 0006 UTC Remarks: Spanish voice numbers and MCW Contr: (KB0PQP)
5810.0	v2a	Mode: AM Date/time: Sun 11-7-2010, 0700 UTC

		Remarks: Signal was very weak with moderate fading Contr: (BH)
5810.0	v2a	Mode: AM Date/time: Sun 11-7-2010, 0700 UTC Remarks: Signal was very weak with moderate fading Contr: (BH)
5810.0	v2a	Mode: AM Date/time: Mon 12-7-2010, 0700 UTC Remarks: Signal was very weak with moderate fading Contr: (BH)
5810.0	v2a	Mode: AM Date/time: Mon 12-7-2010, 0700 UTC Remarks: Signal was very weak with moderate fading Contr: (BH)
5815	G11	Mode: USB Date/time: 27-7-2010, 1205 UTC Remarks: 270/00 Contr: (FN)
5815	G11	Mode: USB Date/time: 31-07-2010 1307 Remarks: "V99/00", no msg, end with "ENDE". Contr: (ALF)
5815	S11a	Mode: USB Date/time: Sat 10-7-2010, 0950 UTC Remarks: 221/00 Contr: (HFD)
5820	E10	Mode: AM Date/time: 23-7-2010, 1930 UTC Remarks: YHF gr 11 txt NHRZR Contr: (FN)
5820	E10	Mode: AM Date/time: 27-7-2010, 1931 UTC Remarks: YHF2 Contr: (CK)
5820	E10	Mode: AM Date/time: 28-7-2010, 1931 UTC Remarks: YHF2 Contr: (CK)
5835	S06s	Mode: AM Date/time: 28-7-2010, 0830 UTC Remarks: 471 268 5 87655 Contr: (FN)
5835	S21	Mode: SSB Date/time: 14-7-2010, 0838 UTC Remarks: RR/YL. 471 471 471 Contr: (DXman)
5855	G11	Mode: USB Date/time: 15-7-2010, 0938 UTC Remarks: YL/GG "V75/00", no msg, end with "ENDE" Contr: (ALF)
5855	G11	Mode: USB Date/time: 26-7-2010, 0935 UTC Remarks: 278/35 02752 10427 19833 Contr: (FN)
5873	M21	Mode: CW Date/time: 5-7-2010, 2021 UTC Remarks: PVO in progress. Very weak signal Contr: (AB-HK)
5873	M21	Mode: CW Date/time: 31-7-2010, 2243 UTC Remarks: Russian Air Defense: =990243??0????? Contr: (JPL-S)
5880.0	V2A	Mode: AM Date/time: Tue 27-7-2010, 0730 UTC Remarks: only caught the last 10 minutes, strong 59 with light QSB Contr: (W1JEQ)
5880.0	V2A	Mode: AM Date/time: Tue 27-7-2010, 0730 UTC Remarks: only caught the last 10 minutes, strong 59 with light QSB Contr: (W1JEQ)
5883	M08a	Mode: CW Date/time: 18-7-2010, 0700 UTC Remarks: good signal Contr: (rusl)
5883	M08a	Mode: CW Date/time: 19-7-2010, 0700 UTC Remarks: very good signal Contr: (rusl)

5883	M08a	Mode: CW Date/time: 19-7-2010, 0800 UTC Remarks: cut numbers Contr: (rusl)
5883	V02a	Mode: AM Date/time: 15-7-2010, 0700 UTC Remarks: YL Contr: (rusl)
5883	V02a	Mode: AM Date/time: 16-7-2010, 0700 UTC Remarks: Contr: (rusl)
5883	V02a	Mode: AM Date/time: 18-7-2010, 0704 UTC Remarks: YL in progress (better audible in USB) Contr: (AB)
5883.0	V2a	Mode: AM Date/time: Sun 4-7-2010, 0700 UTC Remarks: SSYL: VG sig. Contr:
5883.0	V2a	Mode: AM Date/time: Sun 4-7-2010, 0700 UTC Remarks: SSYL: VG sig. Contr:
5883.0	V2a	Mode: AM Date/time: Tue 6-7-2010, 0700 UTC Remarks: 62862 85571 21311 Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Tue 6-7-2010, 0700 UTC Remarks: 62862 85571 21311 Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 0700 UTC Remarks: 97131 08882 54042 Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 0700 UTC Remarks: 97131 08882 54042 Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Fri 9-7-2010, 0700 UTC Remarks: TFC Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Fri 9-7-2010, 0700 UTC Remarks: TFC Contr: (BS3)
5883.0	V2a	Mode: AM Date/time: Sun 25-7-2010, 0700 UTC Remarks: SSYL: VG sig. Caught late. Contr: (westli)
5883.0	V2a	Mode: AM Date/time: Sun 25-7-2010, 0700 UTC Remarks: SSYL: VG sig. Caught late. Contr: (westli)
5898	M08a	Mode: CW Date/time: 3-7-2010, 0505 UTC Remarks: Cuban DGI 5F msg using cut numbers Contr: (PPA)
5898	M08a	Mode: CW Date/time: 18-7-2010, 0800 UTC Remarks: good signal Contr: (rusl)
5898	M08a	Mode: CW Date/time: 19-7-2010, 0800 UTC Remarks: very good signal Contr: (rusl)
5898	V02a	Mode: AM Date/time: 15-7-2010, 0800 UTC Remarks: YL Contr: (rusl)
5898	V02a	Mode: AM Date/time: 16-7-2010, 0800 UTC Remarks: Contr: (rusl)
5898.0	M8a	Mode: MCW Date/time: Sat 3-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 3-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 0500 UTC

		Remarks: 5f cut nums: Up late IP. Contr:
5898.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 0500 UTC
		Remarks: 5f cut nums: Up late IP. Contr:
5898.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0500 UTC
		Remarks: 5f cut nums: Up late IP. Contr:
		(westli)
5898.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0500 UTC
		Remarks: TFC up late Contr: (BS3)
5898.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0500 UTC
		Remarks: TFC up late Contr: (BS3)
5898.0	M8a	Mode: MCW Date/time: Tue 6-7-2010, 0500 UTC
		Remarks: 5f cut nums: Up late IP. Contr:
		(westli)
5898.0	M8a	Mode: MCW Date/time: Thu 8-7-2010, 0500 UTC
		Remarks: 5f cut nums: Good sig. Up late IP.
		Preceded by a s Contr:
5898.0	M8a	Mode: MCW Date/time: Thu 8-7-2010, 0500 UTC
		Remarks: 5f cut nums: Good sig. Up late IP.
		Preceded by a s Contr:
5898.0	M8a	Mode: MCW Date/time: Sat 10-7-2010, 0500 UTC
		Remarks: 5f cut nums: 96831 63921 85752 Good sig.
		Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 10-7-2010, 0500 UTC
		Remarks: 5f cut nums: 96831 63921 85752 Good sig.
		Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 0500 UTC
		Remarks: 5f cut nums: VG sig. Up late IP.
up		
		at 0517z Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 0500 UTC
		Remarks: 5f cut nums: VG sig. Up late IP.
up		
		at 0517z Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Tue 13-7-2010, 0500 UTC
		Remarks: 5f cut nums: Only 1.5 min late but
		already IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Tue 13-7-2010, 0500 UTC
		Remarks: 5f cut nums: Only 1.5 min late but
		already IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0500 UTC
		Remarks: 5f cut nums: 83872 Caught late. Contr:
		(westli)
5898.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0500 UTC
		Remarks: 5f cut nums: 83872 Caught late. Contr:
		(westli)
5898.0	M8a	Mode: MCW Date/time: Mon 19-7-2010, 0500 UTC
		Remarks: 5f cut nums: 50851 44221 29591 Good sig.
		Contr: (westli)

5898.0	M8a	Mode: MCW Date/time: Mon 19-7-2010, 0500 UTC Remarks: 5f cut nums: 50851 44221 29591 Good sig. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Thu 22-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Thu 22-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 24-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 24-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late, caught late. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late, caught late. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 0500 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 0500 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Tue 27-7-2010, 0500 UTC Remarks: 5f cut nums: Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Tue 27-7-2010, 0500 UTC Remarks: 5f cut nums: Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Thu 29-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Thu 29-7-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 31-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M8a	Mode: MCW Date/time: Sat 31-7-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
5898.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0500 UTC

		Remarks: RDFT no decode Contr: (BS3)
5898.0	V2a	Mode: AM Date/time: Mon 5-7-2010, 0800 UTC Remarks: Freq. inferred; QRN; _____ 6203_ 7_452 (early start?) Contr: (GH)
5898.0	V2a	Mode: AM Date/time: Mon 5-7-2010, 0800 UTC Remarks: Freq. inferred; QRN; _____ 6203_ 7_452 (early start?) Contr: (GH)
5898.0	V2a	Mode: AM Date/time: Tue 6-7-2010, 0800 UTC Remarks: 62862 85571 21311 Contr: (BS3)
5898.0	V2a	Mode: AM Date/time: Tue 6-7-2010, 0800 UTC Remarks: 62862 85571 21311 Contr: (BS3)
5898.0	v2a	Mode: AM Date/time: Sun 11-7-2010, 0750 UTC Remarks: Signal was very weak with moderate fading Contr: (BH)
5898.0	v2a	Mode: AM Date/time: Sun 11-7-2010, 0750 UTC Remarks: Signal was very weak with moderate fading Contr: (BH)
5898.0	v2a	Mode: AM Date/time: Thu 29-7-2010, 0800 UTC Remarks: Spanish counting Contr: (ADMD)
5898.0	v2a	Mode: AM Date/time: Thu 29-7-2010, 0800 UTC Remarks: Spanish counting Contr: (ADMD)
5898.7	M08a	Mode: CW Date/time: 19-7-2010, 0500 UTC Remarks: in progress Contr: (rus1)
5900.0	V2	Mode: AM Date/time: Sun 25-7-2010, 0800 UTC Remarks: Very strong and clear Contr: (CC2)
5900.0	V2	Mode: AM Date/time: Sun 25-7-2010, 0800 UTC Remarks: Very strong and clear Contr: (CC2)
5930.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Wed 7-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Wed 7-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5930.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0930 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5934	M14	Mode: CW Date/time: Thu 29-7-2010, 1920 UTC Remarks: 417 BC QRM Contr: (HFD)
5938	M01b	Mode: CW Date/time: Thu 29-7-2010, 1505 UTC Remarks: 159 BC QRM Contr: (HFD)
5943	G06	Mode: AM Date/time: 23-7-2010, 1930 UTC Remarks: 218 547 15 64528 Contr: (FN)
5947.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0900 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5947.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0900 UTC

		Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5947.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0900 UTC
		Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
5947.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0900 UTC
		Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
6215.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1400 UTC
		Remarks: Contr: (TI)
6215.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1400 UTC
		Remarks: Contr: (TI)
6215.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1500 UTC
		Remarks: Contr: (TI)
6215.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1500 UTC
		Remarks: Contr: (TI)
6215.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1500 UTC
		Remarks: Contr: (TI)
6215.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1500 UTC
		Remarks: Contr: (TI)
6280	S11	Mode: USB Date/time: 23-7-2010, 0855 UTC
		Remarks: 484/34 73954 93977 Contr: (FN)
6280	S11a	Mode: USB Date/time: 2-7-2010, 0855 UTC
		Remarks: 484/00 Contr: (HS2)
6280	S11a	Mode: USB Date/time: 27-7-2010, 0855 UTC
		Remarks: 484/00 Contr: (FN)
6330.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1329 UTC
		Remarks: Contr: (TI)
6330.0	V24	Mode: AM Date/time: Sun 4-7-2010, 1329 UTC
		Remarks: Contr: (TI)
6330.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1400 UTC
		Remarks: Contr: (TI)
6330.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1400 UTC
		Remarks: Contr: (TI)
6379	M22	Mode: CW Date/time: 28-6-2010, 1907 UTC
		Remarks: 4XZ: Israeli Navy Haifa "VVV DE 4XZ 4XZ" or 5L messages Contr: (PPA)
6379	M22	Mode: CW Date/time: 23-7-2010, 1855 UTC
		Remarks: 4XZ: Navy Haifa ISR "vvv de 4XZ 4XZ", rptd. Contr: (FN)
6379	M22	Mode: CW Date/time: 28-7-2010, 2059 UTC
		Remarks: 4XZ, Israeli Navy Haifa Contr: (norave)
6379	M22	Mode: CW Date/time: 29-7-2010, 1931 UTC
		Remarks: 4XZ: Israeli Navy Haifa "VVV DE 4XZ" Contr: (VL)
6524	M03	Mode: CW Date/time: Sat 10-7-2010, 0955 UTC
		Remarks: 786/00 Contr: (HFD)
6666	S06s	Mode: AM Date/time: 27-7-2010, 1500 UTC
		Remarks: 537 802 6 15493 Contr: (FN)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1430 UTC
		Remarks: Contr: (TI)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1430 UTC

		Remarks: Contr: (TI)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1530 UTC
		Remarks: Contr: (TI)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1530 UTC
		Remarks: Contr: (TI)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1600 UTC
		Remarks: Contr: (TI)
6730.0	V24	Mode: AM Date/time: Mon 5-7-2010, 1600 UTC
		Remarks: Contr: (TI)
6755	S06s	Mode: AM Date/time: 28-7-2010, 0820 UTC
		Remarks: 471 268 5 87655 Contr: (FN)
6768.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 1600 UTC
		Remarks: RDFT 72218835.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 1600 UTC
		Remarks: RDFT 72218835.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1600 UTC
		Remarks: RDFT 83223586.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1600 UTC
		Remarks: RDFT 83223586.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1600 UTC
		Remarks: RDFT 83223586.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1600 UTC
		Remarks: RDFT 83223586.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Fri 9-7-2010, 1600 UTC
		Remarks: RDFT 33237755.txt 1024 bytes Contr: (BS3)
6768.0	SK01	Mode: AM Date/time: Fri 9-7-2010, 1600 UTC
		Remarks: RDFT 33237755.txt 1024 bytes Contr: (BS3)
6768.0	V2a	Mode: AM Date/time: Mon 19-7-2010, 0400 UTC
		Remarks: 87332 03252 48862 Good sig. Contr: (westli)
6768.0	V2a	Mode: AM Date/time: Mon 19-7-2010, 0400 UTC
		Remarks: 87332 03252 48862 Good sig. Contr: (westli)
6768.0	V2a	Mode: AM Date/time: Mon 26-7-2010, 0400 UTC
		Remarks: SSSL atencion: 40472 29021 27202 Contr: (westli)
6768.0	V2a	Mode: AM Date/time: Mon 26-7-2010, 0400 UTC
		Remarks: SSSL atencion: 40472 29021 27202 Contr: (westli)
6770	S06	Mode: AM Date/time: Wed 7-7-2010, 1800 UTC
		Remarks: 471 0 Contr: (HFD)
6785.0	M8a	Mode: AM Date/time: Thu 8-7-2010, 1900 UTC
		Remarks: 53111 62852 84632 Contr: (BS3)
6785.0	M8a	Mode: AM Date/time: Thu 8-7-2010, 1900 UTC
		Remarks: 53111 62852 84632 Contr: (BS3)
6785.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1900 UTC
		Remarks: TFC Contr: (BS3)
6785.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1900 UTC
		Remarks: TFC Contr: (BS3)
6802	M12	Mode: CW Date/time: Wed 7-7-2010, 1720 UTC
		Remarks: 463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: Tue 13-7-2010, 1620 UTC

		Remarks: 463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: 27-7-2010, 1620 UTC Remarks: 463 1 2716 62 98926 Contr: (FN)
6807.5	M21	Mode: CW Date/time: 29-7-2010, 0702 UTC Remarks: radar tracking data, format 13FGs, last 2 digits are minutes Contr: (FN)
6815	S06s	Mode: AM Date/time: 28-7-2010, 1210 UTC Remarks: 481 203 5 53906 Contr: (FN)
6825	M51	Mode: CW Date/time: 30-6-2010, 0759 UTC Remarks: French mil morse training. 5L msg after nr 06 J 01 09:58:52 1993 = Contr: (PPA)
6836	E11	Mode: USB Date/time: 22-7-2010, 1830 UTC Remarks: 416/00 Contr: (FN)
6840	E10	Mode: AM Date/time: 23-7-2010, 0630 UTC Remarks: EZI2 //7690 kHz Contr: (FN)
6840	M89	Mode: CW Date/time: 1-7-2010, 1721 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ Contr: (PPA)
6840	M89	Mode: CW Date/time: 8-7-2010, 1723 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ Contr: (GFD)
6840	M89	Mode: CW Date/time: 18-7-2010, 0220 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ (R5) //10640 Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 26-7-2010, 2020 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ //4860 kHz Contr: (JPL-HK)
6840.0	E10	Mode: AM Date/time: Sun 11-7-2010, 2235 UTC Remarks: Very weak signal Contr: (IP-SE)
6840.0	E10	Mode: AM Date/time: Sun 11-7-2010, 2235 UTC Remarks: Very weak signal Contr: (IP-SE)
6840.0	E10	Mode: USB Date/time: Wed 14-7-2010, 2230 UTC Remarks: very weak and fading signal, strange pause in the middle of the message Contr: (IP-SE)
6840.0	E10	Mode: USB Date/time: Wed 14-7-2010, 2230 UTC Remarks: very weak and fading signal, strange pause in the middle of the message Contr: (IP-SE)
6854.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 25431 78661 45631 Contr: (BS3)
6854.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 25431 78661 45631 Contr: (BS3)
6855	M08a	Mode: MCW Date/time: 26-7-2010, 0307 UTC Remarks: in progress Contr: (Vambo)
6855	VC01	Mode: USB Date/time: 31-7-2010, 2238 UTC Remarks: Chinese Robot Contr: (JPL)
6855.0	V2a	Mode: AM Date/time: Mon 5-7-2010, 0500 UTC Remarks: SSSL: 28752 blkd by another sig. Contr:
6855.0	V2a	Mode: AM Date/time: Mon 5-7-2010, 0500 UTC Remarks: SSSL: 28752 blkd by another sig. Contr:
6855.0	V2a	Mode: AM Date/time: Mon 19-7-2010, 0300 UTC

		Remarks: SSYL atencion: 03481 42051 61652 originally sent calls to 87561 11332 Contr: (westli)
6855.0	V2a	Mode: AM Date/time: Mon 19-7-2010, 0300 UTC Remarks: SSYL atencion: 03481 42051 61652 originally sent calls to 87561 11332 Contr: (westli)
6855.0	V2a	Mode: AM Date/time: Mon 26-7-2010, 0300 UTC Remarks: SSYL atencion: 40472 29021 27202 Contr: (westli)
6855.0	V2a	Mode: AM Date/time: Mon 26-7-2010, 0300 UTC Remarks: SSYL atencion: 40472 29021 27202 Contr: (westli)
6856	M08a	Mode: CW Date/time: 21-7-2010, 2300 UTC Remarks: 5-character letter groups. Ends with AR SK. Contr: (Jojo)
6856	M08a	Mode: CW Date/time: 22-7-2010, 2204 UTC Remarks: 5-character groups at about 16 wpm, probably using "cut" number. About 2211 he sent AR AR AR, then GRDWA GRDWA GRDWA GRDWA GRDWA BT BT BT. Then back to 5-character groups AR AR Contr: (Jojo)
6880	M51	Mode: CW Date/time: 30-6-2010, 1831 UTC Remarks: French mil morse training. 5L msg after nr 78 J 10 18:31:33 1993 = Contr: (PPA)
6891	M51	Mode: CW Date/time: 21-7-2010, 2315 UTC Remarks: in progress. Contr: (Jojo)
6891	M51	Mode: CW Date/time: 22-7-2010, 0628 UTC Remarks: Contr: (BCI)
6891	M51	Mode: CW Date/time: 22-7-2010, 0650 UTC Remarks: //6956 kHz French Mil. Morse Training, msgs of 100 5LG Contr: (FN)
6904	M12	Mode: CW Date/time: Mon 19-7-2010, 1940 UTC Remarks: 257 1 Contr: (HFD)
6904	M12	Mode: CW Date/time: 22-7-2010, 1940 UTC Remarks: 257 1 9961 70 37697 Contr: (FN)
6904	M12	Mode: CW Date/time: 26-7-2010, 1840 UTC Remarks: 257 1 4940 65 49838 Contr: (FN)
6917.5	M51	Mode: CW Date/time: 21-7-2010, 0622 UTC Remarks: NR 32 J 21 08:25:05 1983 BT WCWAI VDXMG HENNU NDLCG UKAZN CNOLI Contr: (BCI)
6932.0	M8a	Mode: MCW Date/time: Thu 8-7-2010, 2100 UTC Remarks: TFC started weak Contr: (BS3)
6932.0	M8a	Mode: MCW Date/time: Thu 8-7-2010, 2100 UTC Remarks: TFC started weak Contr: (BS3)
6956	M51	Mode: CW Date/time: 19-7-2010, 0531 UTC Remarks: NR 04 J 19 07:48:49 1993 BT MT KBU NRXVX SGICL EDMCH Contr: (BCI)
6956	M51	Mode: CW Date/time: 22-7-2010, 0650 UTC Remarks: //6891 kHz French Mil. Morse Training, msgs of 100 5LG Contr: (FN)
6967	S06	Mode: AM Date/time: Sat 3-7-2010, 1605 UTC Remarks: 864 0 Contr: (HFD)

6967	S06	Mode: AM Date/time: Sat 10-7-2010, 1605 UTC Remarks: 864 0 Contr: (HFD)
6984	S06	Mode: AM Date/time: Thu 8-7-2010, 1905 UTC Remarks: 349 0 Contr: (HFD)
6984	S06	Mode: AM Date/time: Mon 12-7-2010, 1905 UTC Remarks: 349 0 Contr: (HFD)
6984	S06	Mode: AM Date/time: Thu 29-7-2010, 1905 UTC Remarks: 349 0 Contr: (HFD)
7038.7	MX	Mode: CW Date/time: 9-7-2010, 1952 UTC Remarks: Russian Navy Beacon "D" Sevastopol Contr: (norave)
7038.7	MX	Mode: CW Date/time: 16-7-2010, 1715 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
7038.7	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "D" Contr: (CK)
7038.7	MX	Mode: CW Date/time: 20-7-2010, 1920 UTC Remarks: Beacon "D" Contr: (CK)
7038.8	MX	Mode: CW Date/time: 4-7-2010, 1432 UTC Remarks: Beacon "P" Kaliningrad Contr: (AB)
7038.8	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "P" Contr: (CK)
7038.8	MX	Mode: CW Date/time: 20-7-2010, 1920 UTC Remarks: Beacon "P" Contr: (CK)
7038.9	MX	Mode: CW Date/time: 7-7-2010, 2041 UTC Remarks: Beacon "S" Sevoromorsk Contr: (AB)
7038.9	MX	Mode: CW Date/time: 9-7-2010, 1952 UTC Remarks: Russian Navy Beacon "S" Sevoromorsk Contr: (norave)
7038.9	MX	Mode: CW Date/time: 16-7-2010, 1715 UTC Remarks: Beacon "S" Sevoromorsk Contr: (AB)
7038.9	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC Remarks: Beacon "S" Contr: (CK)
7039	MX	Mode: CW Date/time: 7-7-2010, 2041 UTC Remarks: Beacon "C" Moscow Contr: (AB)
7039	MX	Mode: CW Date/time: 16-7-2010, 1715 UTC Remarks: Beacon "C" Moscow Contr: (AB)
7039	MX	Mode: CW Date/time: 18-7-2010, 0534 UTC Remarks: Beacon "C" Moscow Contr: (AB)
7039	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "C" Contr: (CK)
7039	MX	Mode: CW Date/time: 20-7-2010, 1920 UTC Remarks: Beacon "C" Contr: (CK)
7039.2	MX	Mode: CW Date/time: 4-7-2010, 1449 UTC Remarks: Beacon "F" Vladivostok Contr: (AB-HK)
7039.3	MX	Mode: CW Date/time: 4-7-2010, 1449 UTC Remarks: Beacon "K" Petropavlovsk Contr: (AB-HK)
7039.4	MX	Mode: CW Date/time: 20-7-2010, 1920 UTC Remarks: Beacon "M" Contr: (CK)

7245	S06s	Mode: AM Date/time: 27-7-2010, 0800 UTC Remarks: 418 905 6 23053 Contr: (FN)
7335	S06s	Mode: AM Date/time: Wed 14-7-2010, 0730 UTC Remarks: 745 Contr: (HFD)
7335	S06s	Mode: AM Date/time: 28-7-2010, 0730 UTC Remarks: 745 213 6 54462 Contr: (FN)
7473	E07a	Mode: AM Date/time: Wed 7-7-2010, 2020 UTC Remarks: 147 0 Contr: (HFD)
7519.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2200 UTC Remarks: 50001 00051 04572 Contr: (BS3)
7519.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2200 UTC Remarks: 50001 00051 04572 Contr: (BS3)
7519.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2300 UTC Remarks: 50001 00051 04572 did not change freqs Contr: (BS3)
7519.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2300 UTC Remarks: 50001 00051 04572 did not change freqs Contr: (BS3)
7519.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2200 UTC Remarks: TFC Contr: (BS3)
7519.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2200 UTC Remarks: TFC Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2000 UTC Remarks: up late in TFC Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Mon 5-7-2010, 2000 UTC Remarks: up late in TFC Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 2000 UTC Remarks: 04381 89191 82401 Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 2000 UTC Remarks: 04381 89191 82401 Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2000 UTC Remarks: 53111 62852 84632 Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2000 UTC Remarks: 53111 62852 84632 Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2000 UTC Remarks: 39251 50751 22752 Contr: (BS3)
7554.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2000 UTC Remarks: 39251 50751 22752 Contr: (BS3)
7602	M89	Mode: CW Date/time: 1-7-2010, 2137 UTC Remarks: V DKG6 DKG6 DKG6 DE 3A7D 3A7D Contr: (MPJ)
7602	M89	Mode: CW Date/time: 5-7-2010, 1800 UTC Remarks: V DKG6 DKG6 DKG6 DE 3A7D 3A7D Contr: (WP3)
7602	M89	Mode: CW Date/time: 5-7-2010, 1952 UTC Remarks: V DKG6 DKG6 DKG6 DE 3A7D 3A7D Contr: (AB-HK)
7602	M89	Mode: CW Date/time: 14-7-2010, 2033 UTC

		Remarks: V DKG6 DKG6 DKG6 DE 3A7D 3A7D Contr: (MPJ)
7602	M89	Mode: CW Date/time: 20-7-2010, 1923 UTC Remarks: V DKG6 DKG6 DKG6 DE 3A7D 3A7D Contr: (MPJ)
7602	M89	Mode: CW Date/time: 26-7-2010, 1930 UTC Remarks: v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7650	S06s	Mode: AM Date/time: 27-7-2010, 1230 UTC Remarks: 278 403 5 30525 (1240z txm not found) Contr: (FN)
7669	M12	Mode: CW Date/time: 28-7-2010, 0650 UTC Remarks: 691 1 6887 59 95896 Contr: (FN)
7690	E10	Mode: AM Date/time: 23-7-2010, 0630 UTC Remarks: EZI2 //6840 kHz Contr: (FN)
7726.36	OL03	Mode: FEC 100/170 Date/time: 6-7-2010, 1515 UTC Remarks: Czech Intel. Encrypted traffic Contr: (BCI)
7744	S06s	Mode: AM Date/time: 27-7-2010, 1510 UTC Remarks: 537 802 6 15493 Contr: (FN)
7765	S06s	Mode: AM Date/time: 28-7-2010, 1200 UTC Remarks: 481 203 5 53906 Contr: (FN)
7833	M89	Mode: CW Date/time: 5-7-2010, 1744 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (WP3)
7833	M89	Mode: CW Date/time: 9-7-2010, 1948 UTC Remarks: Chinese Military "V QPZM QPZM QPZM DE WOXN WOXN" Contr: (norave)
7833	M89	Mode: CW Date/time: 10-7-2010, 2147 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (MPJ)
7837	M03	Mode: CW Date/time: 28-7-2010, 0910 UTC Remarks: 650/00 == 000 Contr: (FN)
7889	S06s	Mode: AM Date/time: 26-7-2010, 1610 UTC Remarks: 176 842 5 54898 Contr: (FN)
7890.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1030 UTC Remarks: RDFT 16317376.txt 1024 bytes Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1030 UTC Remarks: RDFT 16317376.txt 1024 bytes Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1030 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
7890.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1030 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
7918	E10	Mode: AM Date/time: 27-7-2010, 1931 UTC Remarks: YHF2 Contr: (CK)
7918	E10	Mode: AM Date/time: 28-7-2010, 1931 UTC Remarks: YHF2 Contr: (CK)
7931	M12	Mode: CW Date/time: Mon 19-7-2010, 1920 UTC Remarks: 257 1 Contr: (HFD)

7931	M12	Mode: CW Date/time: 22-7-2010, 1920 UTC Remarks: 257 1 9961 70 37697 Contr: (FN)
7931	M12	Mode: CW Date/time: 26-7-2010, 1820 UTC Remarks: 257 1 4940 65 49838 Contr: (FN)
7979	M12	Mode: CW Date/time: Wed 28-7-2010, 2120 UTC Remarks: 398 0 Contr: (HFD)
7982	S06	Mode: AM Date/time: Wed 19-7-2010, 1900 UTC Remarks: 349 0 Contr: (HFD)
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 80331 88201 10381 Contr: (BS3)
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 5f cut nums: 80331 88201 10381 Very weak sig. Contr:
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 80331 88201 10381 Contr: (BS3)
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2200 UTC Remarks: 5f cut nums: 80331 88201 10381 Very weak sig. Contr:
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2300 UTC Remarks: 5f cut nums: 80331 88201 10381 Very weak sig. Contr:
8009.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 2300 UTC Remarks: 5f cut nums: 80331 88201 10381 Very weak sig. Contr:
8009.0	M8a	Mode: CW Date/time: Wed 14-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8009.0	M8a	Mode: CW Date/time: Wed 14-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8009.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 2300 UTC Remarks: 5f cut nums: 58411 28822 40202 Very weak sig. Contr: (westli)
8009.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 2300 UTC Remarks: 5f cut nums: 58411 28822 40202 Very weak sig. Contr: (westli)
8009.0	M8a	Mode: CW Date/time: Mon 19-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8009.0	M8a	Mode: CW Date/time: Mon 19-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8047	M12	Mode: CW Date/time: Wed 7-7-2010, 1700 UTC Remarks: 463 1 Contr: (HFD)
8047	M12	Mode: CW Date/time: Tue 13-7-2010, 1600 UTC Remarks: 463 1 Contr: (HFD)
8047	M12	Mode: CW Date/time: 27-7-2010, 1600 UTC Remarks: 463 1 2716 62 98926 Contr: (FN)

8096.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1300 UTC Remarks: 44381 63242 62702 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1300 UTC Remarks: 44381 63242 62702 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1400 UTC Remarks: 44381 63242 62702 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1400 UTC Remarks: 44381 63242 62702 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1300 UTC Remarks: TFC Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1300 UTC Remarks: TFC Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1400 UTC Remarks: 18501 47312 53752 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1400 UTC Remarks: 5f cut nums: 18501 47312 53752 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1400 UTC Remarks: 18501 47312 53752 Contr: (BS3)
8096.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1400 UTC Remarks: 5f cut nums: 18501 47312 53752 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Mon 12-7-2010, 1400 UTC Remarks: 5f cut nums: 47741 51631 00552 Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Mon 12-7-2010, 1400 UTC Remarks: 5f cut nums: 47741 51631 00552 Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Wed 14-7-2010, 1400 UTC Remarks: 5f cut nums: 23812 89211 68722 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Wed 14-7-2010, 1400 UTC Remarks: 5f cut nums: 23812 89211 68722 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Fri 16-7-2010, 1400 UTC Remarks: 5f cut nums: 55712 11601 15222 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Fri 16-7-2010, 1400 UTC Remarks: 5f cut nums: 55712 11601 15222 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Fri 23-7-2010, 1400 UTC Remarks: 5f cut nums: 23231 22211 67321 Weak sig. QRM4 Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Fri 23-7-2010, 1400 UTC Remarks: 5f cut nums: 23231 22211 67321 Weak sig. QRM4 Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Mon 26-7-2010, 1400 UTC Remarks: 5f cut nums: 32562 55352 30862 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Mon 26-7-2010, 1400 UTC

		Remarks: 5f cut nums: 32562 55352 30862 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Wed 28-7-2010, 1400 UTC Remarks: 5f cut nums: 00152 08132 23582 Weak sig. Contr: (westli)
8096.0	M8a	Mode: CW Date/time: Wed 28-7-2010, 1400 UTC Remarks: 5f cut nums: 00152 08132 23582 Weak sig. Contr: (westli)
8097.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 1800 UTC Remarks: up late in TFC Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 1800 UTC Remarks: up late in TFC Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 1900 UTC Remarks: 31181 58481 42371 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Mon 5-7-2010, 1900 UTC Remarks: 31181 58481 42371 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1800 UTC Remarks: 35412 17152 16612 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1800 UTC Remarks: 5f cut nums: 35412 17152 16612 Weak sig. QSB Contr: (westli)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1800 UTC Remarks: 35412 17152 16612 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1800 UTC Remarks: 5f cut nums: 35412 17152 16612 Weak sig. QSB Contr: (westli)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1900 UTC Remarks: 35412 17152 16612 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1900 UTC Remarks: 5f cut nums: 35412 17152 16612 Very weak sig. Contr: (westli)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1900 UTC Remarks: 35412 17152 16612 Contr: (BS3)
8097.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1900 UTC Remarks: 5f cut nums: 35412 17152 16612 Very weak sig. Contr: (westli)
8116	M12	Mode: CW Date/time: Thu 29-7-2010, 1840 UTC Remarks: 124 1 Contr: (HFD)
8127	E07	Mode: AM Date/time: Tue 6-7-2010, 0700 UTC Remarks: only carrier Contr: (HFD)
8127	E07	Mode: AM Date/time: Tue 20-7-2010, 0700 UTC Remarks: only carrier Contr: (HFD)
8127	E07	Mode: AM Date/time: 27-7-2010, 0700 UTC Remarks: 131 000 Contr: (FN)
8135.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2300 UTC Remarks: TFC up late Contr: (BS3)
8135.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 2300 UTC Remarks: TFC up late Contr: (BS3)

8135.0	M8a	Mode: CW Date/time: Tue 27-7-2010, 2300 UTC Remarks: 5f cut nums: 58501 01352 18581 Very weak sig. Contr: (westli)
8135.0	M8a	Mode: CW Date/time: Tue 27-7-2010, 2300 UTC Remarks: 5f cut nums: 58501 01352 18581 Very weak sig. Contr: (westli)
8135.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8135.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 2300 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
8137	E07a	Mode: AM Date/time: Thu 8-7-2010, 0450 UTC Remarks: 411 0 Contr: (HFD)
8156	M12	Mode: CW Date/time: Wed 14-7-2010, 0400 UTC Remarks: 123 1 Contr: (HFD)
8173	E07a	Mode: AM Date/time: Wed 7-7-2010, 2000 UTC Remarks: 147 0 Contr: (HFD)
8173	M12	Mode: CW Date/time: 22-7-2010, 0350 UTC Remarks: 111 111 111 2 111 111 111 2 111 111 111 2 852 247 852 247 into 5FGs, later on 9173 kHz. Contr: (Alf)
8180.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0800 UTC Remarks: RDFT no decode Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0800 UTC Remarks: RDFT no decode Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0900 UTC Remarks: RDFT no decode Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0900 UTC Remarks: RDFT no decode Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0800 UTC Remarks: RDFT 67872356.txt 1024 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0800 UTC Remarks: RDFT 67872356.txt 1024 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0900 UTC Remarks: RDFT 67682356.txt 1024 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0900 UTC Remarks: RDFT 67682356.txt 1024 bytes Contr: (BS3)
8180.0	V2a	Mode: AM Date/time: Sat 31-7-2010, 0800 UTC Remarks: SSYL: 45481 VG sig. Caught late. Contr: (westli)
8180.0	V2a	Mode: AM Date/time: Sat 31-7-2010, 0800 UTC Remarks: SSYL: 45481 VG sig. Caught late. Contr: (westli)
8186.0	M8a	Mode: MCW Date/time: Wed 14-7-2010, 0800 UTC Remarks: 5f cut nums: Unexpectedly passed 1 minute of MCW at Contr: (westli)
8186.0	M8a	Mode: MCW Date/time: Wed 14-7-2010, 0800 UTC Remarks: 5f cut nums: Unexpectedly passed 1

minute of MCW at Contr: (westli)

8186.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1000 UTC Remarks: RDFT 16317376.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 1000 UTC Remarks: RDFT 16317376.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1000 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 1000 UTC Remarks: RDFT 58234518.txt 1024 bytes Contr: (BS3)
8340	S06	Mode: AM Date/time: 2-7-2010, 0600 UTC Remarks: 934 820 5 75355 54427 55596 17163 48536 Contr: (HS2)
8385	M89	Mode: CW Date/time: 3-7-2010, 1823 UTC Remarks: V MB3R MB3R MB3R DE YABX YABX Contr: (VL)
8385	M89	Mode: CW Date/time: 13-7-2010, 2221 UTC Remarks: V MB3R MB3R MB3R DE YABX YABX Contr: (WP3)
8494.7	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "D" Contr: (CK)
8494.8	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "P" Contr: (CK)
8494.9	MX	Mode: CW Date/time: 16-7-2010, 1714 UTC Remarks: Beacon "S" Sevoromorsk Contr: (AB)
8494.9	MX	Mode: CW Date/time: 18-7-2010, 0534 UTC Remarks: Beacon "S" Sevoromorsk Contr: (AB)
8494.9	MX	Mode: CW Date/time: 20-7-2010, 0300 UTC Remarks: Beacon "S" Contr: (CK)
8495	MX	Mode: CW Date/time: 16-7-2010, 1713 UTC Remarks: Beacon "C" Moscow Contr: (AB)
8495.1	MX	Mode: CW Date/time: 16-7-2010, 1714 UTC Remarks: Beacon "A" Astrakhan Contr: (AB)
8588	XSL	Mode: PSK Date/time: 29-7-2010, 1143 UTC Remarks: Japanese Slot Machine Contr: (W4RTT)
9040.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0900 UTC Remarks: SSYL atencion: 70372 00331 80231 VG sig. Contr: (westli)
9040.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0900 UTC Remarks: SSYL atencion: 70372 00331 80231 VG sig. Contr: (westli)
9040.0	V2a	Mode: AM Date/time: Wed 28-7-2010, 0900 UTC Remarks: SSYL: VG sig. Caught late. Contr: (westli)
9040.0	V2a	Mode: AM Date/time: Wed 28-7-2010, 0900 UTC Remarks: SSYL: VG sig. Caught late. Contr: (westli)
9043	M42	Mode: Baudot 50/500/R Date/time: 21-7-2010, 0249 UTC Remarks: Russian Gov/Intel. 5FGs with "=50=" separator,

		time in UTC & OP-Chat. Contr: (Alf)
9060	M14	Mode: CW Date/time: Fri 2-7-2010, 1900 UTC Remarks: 724 0 Contr: (HFD)
9063.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0800 UTC Remarks: 5f cut nums: 92681 80712 88261 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0800 UTC Remarks: 5f cut nums: 92681 80712 88261 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0800 UTC Remarks: 33172 23102 86842 Contr: (BS3)
9063.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0800 UTC Remarks: 5f cut nums: 33172 23102 86842 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0800 UTC Remarks: 5f cut nums: 33172 23102 86842 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0800 UTC Remarks: 33172 23102 86842 Contr: (BS3)
9063.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0800 UTC Remarks: 5f cut nums: 15311 44521 43382 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0800 UTC Remarks: 5f cut nums: 15311 44521 43382 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0800 UTC Remarks: 5f cut nums: 31061 85801 60502 VG sig. Contr: (westli)
9063.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0800 UTC Remarks: 5f cut nums: 31061 85801 60502 VG sig. Contr: (westli)
9063.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0900 UTC Remarks: RDFT 50233885.txt 204 bytes Contr: (BS3)
9063.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0900 UTC Remarks: RDFT 50233885.txt 204 bytes Contr: (BS3)
9063.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0800 UTC Remarks: SSYL atencion: 66391 66222 60482 VG sig. Contr: (westli)
9063.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0800 UTC Remarks: SSYL atencion: 66391 66222 60482 VG sig. Contr: (westli)
9110	S06s	Mode: AM Date/time: 28-7-2010, 1910 UTC Remarks: 371 280 5 52945 Contr: (FN)
9112.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1000 UTC Remarks: 54501 73451 08762 Contr: (BS3)
9112.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 1000 UTC Remarks: 54501 73451 08762 Contr: (BS3)
9112.0	M8a	Mode: MCW Date/time: Sun 11-7-2010, 1000 UTC

		Remarks: 5f cut nums: 73541 70931 75481 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Sun 11-7-2010, 1000 UTC Remarks: 5f cut nums: 73541 70931 75481 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 1000 UTC Remarks: 5f cut nums: 08481 32502 53821 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 1000 UTC Remarks: 5f cut nums: 08481 32502 53821 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Sun 18-7-2010, 1000 UTC Remarks: 5f cut nums: 71681 54431 10421 Good sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Sun 18-7-2010, 1000 UTC Remarks: 5f cut nums: 71681 54431 10421 Good sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 1000 UTC Remarks: 5f cut nums: 33141 57631 41282 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 1000 UTC Remarks: 5f cut nums: 33141 57631 41282 VG sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 1000 UTC Remarks: 5f cut nums: 33111 11572 14201 Good sig. Contr: (westli)
9112.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 1000 UTC Remarks: 5f cut nums: 33111 11572 14201 Good sig. Contr: (westli)
9127	M12	Mode: CW Date/time: Mon 5-7-2010, 0520 UTC Remarks: 613 0 Contr: (HFD)
9153	V26	Mode: USB Date/time: 5-7-2010, 0955 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 6-7-2010, 1040 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 6-7-2010, 1344 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 7-7-2010, 1341 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 8-7-2010, 1015 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 8-7-2010, 1400 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 9-7-2010, 1345 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 10-7-2010, 1337 UTC Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 11-7-2010, 1354 UTC

		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 12-7-2010, 0959 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 12-7-2010, 1336 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 13-7-2010, 1015 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 13-7-2010, 1337 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 14-7-2010, 1012 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 14-7-2010, 1359 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 15-7-2010, 1330 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 16-7-2010, 1331 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 17-7-2010, 0941 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 17-7-2010, 1333 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 18-7-2010, 1012 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 18-7-2010, 1335 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 19-7-2010, 1008 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 19-7-2010, 1339 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 20-7-2010, 1344 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 21-7-2010, 0950 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 21-7-2010, 1311 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 22-7-2010, 0900 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 22-7-2010, 1003 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 22-7-2010, 1336 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 23-7-2010, 0934 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 23-7-2010, 1341 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 24-7-2010, 0952 UTC
		Remarks:	Contr: (Token)
9153	V26	Mode: USB	Date/time: 24-7-2010, 1325 UTC

		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 25-7-2010, 0912 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 25-7-2010, 0953 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 25-7-2010, 1334 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 26-7-2010, 0944 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 26-7-2010, 1340 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 27-7-2010, 1007 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 27-7-2010, 1345 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 28-7-2010, 0949 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 28-7-2010, 1336 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 29-7-2010, 0933 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 29-7-2010, 1344 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 30-7-2010, 0946 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 30-7-2010, 1339 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 31-7-2010, 0941 UTC
		Remarks: Contr: (Token)
9153	V26	Mode: USB Date/time: 31-7-2010, 1328 UTC
		Remarks: Contr: (Token)
9153.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0700 UTC
		Remarks: 5f cut nums: 92681 VG sig. up early, caught in progress Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0700 UTC
		Remarks: 5f cut nums: 92681 VG sig. up early, caught in progress Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0700 UTC
		Remarks: 5f cut nums: 33172 23102 86842 VG sig. Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0700 UTC
		Remarks: 5f cut nums: 33172 23102 86842 VG sig. Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0700 UTC
		Remarks: 33172 23102 86842 Contr: (BS3)
9153.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0700 UTC
		Remarks: 33172 23102 86842 Contr: (BS3)
9153.0	M8a	Mode: MCW Date/time: Wed 14-7-2010, 0700 UTC

		Remarks: 5f cut nums: 20082 61382 87201 VG sig. Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Wed 14-7-2010, 0700 UTC Remarks: 5f cut nums: 20082 61382 87201 VG sig. Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0700 UTC Remarks: 5f cut nums: 15311 VG sig. Started with V2a then commence Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 0700 UTC Remarks: 5f cut nums: 15311 VG sig. Started with V2a then commence Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0700 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
9153.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0700 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
9153.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0700 UTC Remarks: SSYL: VG sig. Up late IP. Contr: (westli)
9153.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 0700 UTC Remarks: SSYL: VG sig. Up late IP. Contr: (westli)
9173	M12	Mode: CW Date/time: 22-7-2010, 0400 UTC Remarks: 111 111 111 2 111 111 111 2 111 111 111 2 852 247 852 247 into 5FGs Contr: (Alf)
9176	M12	Mode: CW Date/time: Mon 19-7-2010, 1900 UTC Remarks: 257 1 Contr: (HFD)
9176	M12	Mode: CW Date/time: 22-7-2010, 1900 UTC Remarks: 257 1 9961 70 37697 Contr: (FN)
9176	M12	Mode: CW Date/time: 26-7-2010, 1800 UTC Remarks: 257 1 4940 65 49838 Contr: (FN)
9222	M21	Mode: CW Date/time: 14-7-2010, 1436 UTC Remarks: PVO. =99?1838?9????? plots Contr: (JPL-SE)
9222	M21	Mode: CW Date/time: 22-7-2010, 0835 UTC Remarks: PVO in progress. Id: 9 Contr: (AB-IT)
9222	M21	Mode: CW Date/time: 24-7-2010, 0720 UTC Remarks: PVO ID 9, radar tracking data Contr: (FN)
9240	M08a	Mode: CW Date/time: 14-7-2010, 1000 UTC Remarks: in progress Contr: (rusl)
9240.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 1000 UTC Remarks: SSYL atencion: 70372 00331 80231 VG sig. Contr: (westli)
9240.0	V2a	Mode: AM Date/time: Fri 2-7-2010, 1000 UTC Remarks: SSYL atencion: 70372 00331 80231 VG sig. Contr: (westli)
9243	XPA	Mode: AM Date/time: Tue 6-7-2010, 1810 UTC Remarks: msg Contr: (HFD)

9243	XPA	Mode: AM Date/time: 13-7-2010, 1810 UTC Remarks: 12 tones Polytone 5F message Contr: (PPA)
9256	M12	Mode: CW Date/time: Wed 14-7-2010, 0420 UTC Remarks: 123 1 Contr: (HFD)
9256	S06s	Mode: AM Date/time: 26-7-2010, 1600 UTC Remarks: 176 842 5 54898 Contr: (FN)
9264	M12	Mode: CW Date/time: Thu 29-7-2010, 1820 UTC Remarks: 124 1 Contr: (HFD)
9327	E07	Mode: AM Date/time: Tue 6-7-2010, 0720 UTC Remarks: only carrier Contr: (HFD)
9327	E07	Mode: AM Date/time: Tue 20-7-2010, 0720 UTC Remarks: only carrier Contr: (HFD)
9327	E07	Mode: AM Date/time: 27-7-2010, 0720 UTC Remarks: 131 000 Contr: (FN)
9371	E11	Mode: USB Date/time: Mon 5-7-2010, 0630 UTC Remarks: 649/00 Contr: (HFD)
9379	M12	Mode: CW Date/time: Wed 28-7-2010, 2100 UTC Remarks: 398 0 Contr: (HFD)
9655	S06s	Mode: AM Date/time: 23-7-2010, 0940 UTC Remarks: 516 803 7 47553 Contr: (FN)
9670	S06s	Mode: AM Date/time: 27-7-2010, 0810 UTC Remarks: 418 905 6 23053 Contr: (FN)
9690	S06s	Mode: AM Date/time: Thu 22-7-2010, 1210 UTC Remarks: 425 weak Contr: (HFD)
9983	M12	Mode: CW Date/time: Wed 7-7-2010, 1740 UTC Remarks: 199 1 Contr: (HFD)
9992	M12	Mode: CW Date/time: Tue 6-7-2010, 0410 UTC Remarks: 901 0 Contr: (HFD)
†2680	M22	Mode: CW Date/time: 23-7-2010, 1855 UTC Remarks: 4XZ: Navy Haifa ISR "vvv de 4XZ 4XZ", rptd. Contr: (FN)
†5475	M01b	Mode: CW Date/time: 26-7-2010, 1915 UTC Remarks: 858 254 63 == 34511 //5151 Contr: (FN)
†7402	M21	Mode: CW Date/time: 27-7-2010, 1255 UTC Remarks: radar tracking data: = 2781025073242 =..... Contr: (FN)
05007	M12	Mode: CW Date/time: Mon 5-7-2010, 0500 UTC Remarks: 613 0 Contr: (HFD)
10114.8	M51	Mode: CW Date/time: 13-7-2010, 1955 UTC Remarks: French mil morse training, 5 letter groups Contr: (AKi)
10115	M51	Mode: CW Date/time: 13-7-2010, 2045 UTC Remarks: in progress Contr: (AB)
10115	M51	Mode: CW Date/time: 13-7-2010, 2248 UTC Remarks: French mil morse training, "1993" messages Contr: (AB)
10163	G06	Mode: AM Date/time: Sat 3-7-2010, 2035 UTC Remarks: 364 0 Contr: (HFD)

10170	S06s	Mode: AM Date/time: 28-7-2010, 1900 UTC Remarks: 371 280 5 52945 Contr: (FN)
10173	M12	Mode: CW Date/time: Tue 6-7-2010, 0420 UTC Remarks: 111 1 Contr: (HFD)
10230	S06s	Mode: AM Date/time: 26-7-2010, 1200 UTC Remarks: 831 264 5 92625 Contr: (FN)
10243	XPA	Mode: AM Date/time: 13-7-2010, 1750 UTC Remarks: 12 tones Polytone 5F message Contr: (PPA)
10255.0	VTN	Mode: USB Date/time: Thu 29-7-2010, 0016 UTC Remarks: 5er groups male spoken numbers vietnamese language Contr: (Ph-HK)
10255.0	VTN	Mode: USB Date/time: Thu 29-7-2010, 0016 UTC Remarks: 5er groups male spoken numbers vietnamese language Contr: (Ph-HK)
10290	S06s	Mode: AM Date/time: 23-7-2010, 0930 UTC Remarks: 516 803 7 47553 Contr: (FN)
10327	XPA	Mode: AM Date/time: Fri 2-7-2010, 0600 UTC Remarks: msg Contr: (HFD)
10343	M12	Mode: CW Date/time: Fri 30-7-2010, 1800 UTC Remarks: 124 1 Contr: (HFD)
10356	M12	Mode: CW Date/time: Wed 14-7-2010, 0440 UTC Remarks: 123 1 Contr: (HFD)
10432	M08a	Mode: CW Date/time: 18-7-2010, 0900 UTC Remarks: very good signal Contr: (rusl)
10432.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0900 UTC Remarks: 5f cut nums: 26771 76641 06021 Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 2-7-2010, 0900 UTC Remarks: 5f cut nums: 26771 76641 06021 Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 4-7-2010, 0900 UTC Remarks: 5f cut nums: 37562 53911 00822 VG sig. Contr:
10432.0	M8a	Mode: MCW Date/time: Sun 4-7-2010, 0900 UTC Remarks: 5f cut nums: 37562 53911 00822 VG sig. Contr:
10432.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0900 UTC Remarks: 54501 73451 08762 Contr: (BS3)
10432.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0900 UTC Remarks: 5f cut nums: 54501 73451 08762 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0900 UTC Remarks: 5f cut nums: 54501 73451 08762 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 9-7-2010, 0900 UTC Remarks: 54501 73451 08762 Contr: (BS3)
10432.0	M8a	Mode: MCW Date/time: Sun 11-7-2010, 0900 UTC Remarks: 5f cut nums: 73541 70931 75481 VG sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 11-7-2010, 0900 UTC Remarks: 5f cut nums: 73541 70931 75481 VG sig. Contr: (westli)

10432.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 0900 UTC Remarks: 5f cut nums: 08481 32502 53821 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Mon 12-7-2010, 0900 UTC Remarks: 5f cut nums: 08481 32502 53821 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 1000 UTC Remarks: 5f cut nums: 48112 60661 24422 Weak sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 16-7-2010, 1000 UTC Remarks: 5f cut nums: 48112 60661 24422 Weak sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 18-7-2010, 0900 UTC Remarks: 5f cut nums: 71681 54431 10421 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 18-7-2010, 0900 UTC Remarks: 5f cut nums: 71681 54431 10421 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Mon 19-7-2010, 0900 UTC Remarks: 5f cut nums: 18022 QRM data sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Mon 19-7-2010, 0900 UTC Remarks: 5f cut nums: 18022 QRM data sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 0900 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Sun 25-7-2010, 0900 UTC Remarks: 5f cut nums: Good sig. Up late IP. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 0900 UTC Remarks: 5f cut nums: 33111 11572 14201 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Mon 26-7-2010, 0900 UTC Remarks: 5f cut nums: 33111 11572 14201 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0900 UTC Remarks: 5f cut nums: 72511 00512 20081 Good sig. Contr: (westli)
10432.0	M8a	Mode: MCW Date/time: Fri 30-7-2010, 0900 UTC Remarks: 5f cut nums: 72511 00512 20081 Good sig. Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 0300 UTC Remarks: 31681 01011 54462 Good sig. Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 0300 UTC Remarks: 31681 01011 54462 Good sig. Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 22-7-2010, 0300 UTC Remarks: 5f cut nums: 75621 73021 21002 VG sig. Contr:

		(westli)
10445.0	M8a	Mode: CW Date/time: Thu 22-7-2010, 0300 UTC Remarks: 5f cut nums: 75621 73021 21002 VG sig. Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 0300 UTC Remarks: 5f cut nums: 70601 04471 21631 Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 0300 UTC Remarks: 5f cut nums: 70601 04471 21631 Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 0400 UTC Remarks: 5f cut nums: 70601 04471 21631 Good sig. Contr: (westli)
10445.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 0400 UTC Remarks: 5f cut nums: 70601 04471 21631 Good sig. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 1-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 1-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 1-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 1-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 2-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 2-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-1. severe static bursts Very weak. Very Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-1. severe static bursts Very weak. Very Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-1. static bursts Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 4-7-2010, 1300 UTC

		Remarks: CCYL. New Star #4. msg set: 7-1. static bursts Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 6-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 6-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 6-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 6-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 7-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 7-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-1. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 8-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr:
10522.0	V13	Mode: USB Date/time: Thu 8-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr:
10522.0	V13	Mode: USB Date/time: Fri 9-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 9-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 9-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 9-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. up at 1208z Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 1200 UTC

		Remarks: CCYL. New Star #4. msg set: 7-2. up at 1208z Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. up at 1208z Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 10-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. up at 1208z Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 11-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 11-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 12-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 12-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 12-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 12-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 13-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 13-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 13-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 13-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 14-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 14-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 14-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 14-7-2010, 1300 UTC

		Remarks: CCYL. New Star #4. msg set: 7-2. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 15-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 15-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 15-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 15-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 16-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Started about 5 min late. Very poor r Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 16-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Started about 5 min late. Very poor r Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 16-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Started about 4 min late. Poor reada Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 16-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Started about 4 min late. Poor reada Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 17-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 17-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 17-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Weak. Poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 17-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Weak. Poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 18-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 18-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 18-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 18-7-2010, 1300 UTC

		Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Weak. Poor readability, but the best Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 0600 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Weak. Poor readability, but the best Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 19-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 20-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 20-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 20-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 20-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-3. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 22-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 22-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 22-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 22-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 0500 UTC Remarks: CCYL. New Star #4. msg set: 7-4. QRN Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 0500 UTC

		Remarks: CCYL. New Star #4. msg set: 7-4. QRN Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. VG sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. VG sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 23-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 24-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 24-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 24-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 24-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 25-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 25-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Good sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 25-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. VG sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sun 25-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. VG sig. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 26-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 26-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Fair readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 26-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Weak. Poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Mon 26-7-2010, 1300 UTC

		Remarks: CCYL. New Star #4. msg set: 7-4. Weak. Poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 27-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 27-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 27-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Starts very weak, is pretty strong by Contr: (westli)
10522.0	V13	Mode: USB Date/time: Tue 27-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Starts very weak, is pretty strong by Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 28-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 28-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Very weak. Very poor readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 28-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Starts very weak, gets progressively Contr: (westli)
10522.0	V13	Mode: USB Date/time: Wed 28-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-4. Starts very weak, gets progressively Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 29-7-2010, 1300 UTC Remarks: 29/Jul 1300z 10522kHz USB V13 CCYL. New Star #4. msg set: 7-5. Caught Contr: (westli)
10522.0	V13	Mode: USB Date/time: Thu 29-7-2010, 1300 UTC Remarks: 29/Jul 1300z 10522kHz USB V13 CCYL. New Star #4. msg set: 7-5. Caught Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 30-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-5. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 30-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-5. Good sig. Good readability. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 30-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-5. grows progressively weaker. Good sig. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Fri 30-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-5. grows progressively weaker. Good sig. Contr: (westli)
10522.0	V13	Mode: USB Date/time: Sat 31-7-2010, 1200 UTC Remarks: CCYL. New Star #4. msg set: 7-5. No music. Comes in on 1st preamble o Contr:
10522.0	V13	Mode: USB Date/time: Sat 31-7-2010, 1200 UTC

		Remarks: CCYL. New Star #4. msg set: 7-5. No music. Comes in on 1st preamble o Contr:
10522.0	V13	Mode: USB Date/time: Sat 31-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-5. Weak. Poor readability, improves lat Contr:
10522.0	V13	Mode: USB Date/time: Sat 31-7-2010, 1300 UTC Remarks: CCYL. New Star #4. msg set: 7-5. Weak. Poor readability, improves lat Contr:
10547	E07	Mode: AM Date/time: Thu 8-7-2010, 2030 UTC Remarks: 553 0 Contr: (HFD)
10547	E07	Mode: AM Date/time: Thu 15-7-2010, 2030 UTC Remarks: 553 0 weak Contr: (HFD)
10640	M89	Mode: CW Date/time: 18-7-2010, 0220 UTC Remarks: VVV Q2M Q2M Q2M DE NYZ NYZ (R5) //6840 Contr: (JPL-HK)
10714.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1300 UTC Remarks: 63161 83721 66511 Contr: (BS3)
10714.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1300 UTC Remarks: 63161 83721 66511 Contr: (BS3)
10731	X06	Mode: AM Date/time: 14-7-2010, 2102 UTC Remarks: Mazielka. Sequence: 314265 Contr: (Dan)
10755	M01?	Mode: CW Date/time: 4-7-2010, 1702 UTC Remarks: 975 975 975 608 608 16 16 = = 14083 71990 52553 27646 46013 68025 59902 69065 05098 86889 06281 93708 97844 79488 18604 63906 = = 608 608 16 16 00000 (each text group repeated). Contr: (MPJ)
10767	X06	Mode: AM Date/time: 10-7-2010, 1746 UTC Remarks: Mazielka. Sequence: 534216 Contr: (HS2)
10767	X06	Mode: AM Date/time: 11-7-2010, 1417 UTC Remarks: Mazielka. Sequence: 534216 Contr: (HS2)
10814	M12	Mode: CW Date/time: Fri 2-7-2010, 0600 UTC Remarks: 714 Contr: (HFD)
10857.0	M8a	Mode: CW Date/time: Fri 2-7-2010, 1400 UTC Remarks: 5f cut nums: 10421 64611 32641 Weak sig. Contr: (westli)
10857.0	M8a	Mode: CW Date/time: Fri 2-7-2010, 1400 UTC Remarks: 5f cut nums: 10421 64611 32641 Weak sig. Contr: (westli)
10857.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1400 UTC Remarks: 63161 83721 66511 Contr: (BS3)
10857.0	M8a	Mode: CW Date/time: Wed 7-7-2010, 1400 UTC Remarks: 63161 83721 66511 Contr: (BS3)
10867	XPA	Mode: AM Date/time: Tue 6-7-2010, 1420 UTC Remarks: msg Contr: (HFD)
10871.7	MX	Mode: CW Date/time: 7-7-2010, 1647 UTC Remarks: Russian Navy Beacon "D" Sevastopol Contr: (norave)
10871.7	MX	Mode: CW Date/time: 16-7-2010, 1712 UTC

10871.7	MX	Remarks: Beacon "D" Sevastopol Contr: (AB) Mode: CW Date/time: 18-7-2010, 0534 UTC
10871.7	MX	Remarks: Beacon "D" Sevastopol Contr: (AB) Mode: CW Date/time: 23-7-2020, 2030 UTC
10871.8	MX	Remarks: Beacon "D" Sevastopol Contr: (WP3) Mode: CW Date/time: 20-7-2010, 0300 UTC
10871.8	MX	Remarks: Beacon "P" Contr: (CK) Mode: CW Date/time: 20-7-2010, 0657 UTC
10871.8	MX	Remarks: Beacon "P" Kaliningrad Contr: (VL) Mode: CW Date/time: 23-7-2020, 2030 UTC
10871.9	MX	Remarks: Beacon "P" Kaliningrad Contr: (WP3) Mode: CW Date/time: 10-7-2010, 2200 UTC
10871.9	MX	Remarks: Beacon "S" Severomorsk Contr: (MPJ) Mode: CW Date/time: 18-7-2010, 0534 UTC
10871.9	MX	Remarks: Beacon "S" Severomorsk Contr: (AB) Mode: CW Date/time: 20-7-2010, 0657 UTC
10871.9	MX	Remarks: Beacon "S" Severomorsk Contr: (VL) Mode: CW Date/time: 23-7-2020, 2030 UTC
10872	MX	Remarks: Beacon "S" Severomorsk Contr: (WP3) Mode: CW Date/time: 7-7-2010, 1647 UTC
10872	MX	Remarks: Russian Navy Beacon "C" Moscow Contr: (norave) Mode: CW Date/time: 10-7-2010, 2200 UTC
10872	MX	Remarks: Beacon "C" Moscow Contr: (MPJ) Mode: CW Date/time: 16-7-2010, 1712 UTC
10872	MX	Remarks: Beacon "C" Moscow Contr: (AB) Mode: CW Date/time: 18-7-2010, 0534 UTC
10872	MX	Remarks: Beacon "C" Moscow Contr: (AB) Mode: CW Date/time: 20-7-2010, 0300 UTC
10872	MX	Remarks: Beacon "C" Contr: (CK) Mode: CW Date/time: 20-7-2010, 0658 UTC
10872	MX	Remarks: Beacon "C" Moscow Contr: (VL) Mode: CW Date/time: 21-7-2010, 1214 UTC
10872	MX	Remarks: Beacon "C" Moscow Contr: (AB) Mode: CW Date/time: 23-7-2020, 2030 UTC
10872.1	MX	Remarks: Beacon "C" Moscow Contr: (WP3) Mode: CW Date/time: 7-7-2010, 1647 UTC
10872.4	MX	Remarks: Russian Navy Beacon "A" Astrakan Contr: (norave) Mode: CW Date/time: 23-7-2020, 2030 UTC
10943	XPA	Remarks: Beacon "M" Magadan Contr: (WP3) Mode: AM Date/time: 13-7-2010, 1730 UTC
10983	M12	Remarks: 12 tones Polytone 5F message Contr: (PPA) Mode: CW Date/time: Wed 7-7-2010, 1720 UTC
11013	M12	Remarks: 199 1 Contr: (HFD) Mode: CW Date/time: Tue 6-7-2010, 0430 UTC
11025	X06	Remarks: 901 0 Contr: (HFD) Mode: AM Date/time: 13-7-2010, 1047 UTC
		Remarks: Mazielka. Sequence: 612534 Contr: (HS2)

11071.4	M42	Mode: CROWD36 Date/time: 26-7-2010, 0927 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
11084.5	M51	Mode: CW Date/time: 20-7-2010, 1708 UTC Remarks: NR 87 0 20 19:25:22 1983 BT SQWJE HHGAX LARRF VIEXP ARZUX Contr: (BCI)
11092	M12	Mode: CW Date/time: 28-7-2010, 1540 UTC Remarks: 944 1 822 185 88635 rpt. of 26.7 1300z Contr: (FN)
11411	X06	Mode: AM Date/time: 14-7-2010, 2058 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
11435	M08a	Mode: CW Date/time: 17-7-2010, 0600 UTC Remarks: in progress Contr: (SP2)
11435.0	M8a	Mode: MCW Date/time: Sat 17-7-2010, 0600 UTC Remarks: 5f cut nums: 44251 57702 52372 Weak sig. QRM - buzzing. Contr: (westli)
11435.0	M8a	Mode: MCW Date/time: Sat 17-7-2010, 0600 UTC Remarks: 5f cut nums: 44251 57702 52372 Weak sig. QRM - buzzing. Contr: (westli)
11435.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0600 UTC Remarks: RDFT 16146187.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0600 UTC Remarks: RDFT 16146187.txt 1024 bytes Contr: (BS3)
11454	E07	Mode: AM Date/time: Sun 4-7-2010, 1720 UTC Remarks: 441 0 Contr: (HFD)
11472	M12	Mode: CW Date/time: 26-7-2010, 1340 UTC Remarks: 944 1 822 185 88635 Contr: (FN)
11512	E07	Mode: AM Date/time: 26-7-2010, 1940 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
11512	E07	Mode: AM Date/time: 28-7-2010, 1940 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
11512	E07	Mode: AM Date/time: 28-7-2010, 1940 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
11518	XPA	Mode: AM Date/time: 2-7-2010, 0440 UTC Remarks: Polytone in progress Contr: (HS2)
11532.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0630 UTC Remarks: RDFT no decode QRM Contr: (BS3)
11532.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0630 UTC Remarks: RDFT no decode QRM Contr: (BS3)
11539	E07	Mode: AM Date/time: Thu 8-7-2010, 2010 UTC Remarks: 553 0 Contr: (HFD)
11539	E07	Mode: AM Date/time: Thu 15-7-2010, 2010 UTC Remarks: 553 0 Contr: (HFD)
11565.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 0400 UTC Remarks: 5f cut nums: 31681 01011 54462 Good sig. QRM buzzing Contr: (westli)
11565.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 0400 UTC Remarks: 5f cut nums: 31681 01011 54462 Good sig. QRM buzzing Contr: (westli)

11565.0	M8a	Mode: CW Date/time: Thu 22-7-2010, 0400 UTC Remarks: 5f cut nums: 75621 73021 21002 Good sig. QRM-buzzing Contr: (westli)
11565.0	M8a	Mode: CW Date/time: Thu 22-7-2010, 0400 UTC Remarks: 5f cut nums: 75621 73021 21002 Good sig. QRM-buzzing Contr: (westli)
11567	XPA	Mode: AM Date/time: Tue 6-7-2010, 1400 UTC Remarks: msg Contr: (HFD)
11627	XPA	Mode: AM Date/time: Fri 2-7-2010, 0620 UTC Remarks: msg Contr: (HFD)
11830	S06s	Mode: AM Date/time: Wed 14-7-2010, 0730 UTC Remarks: 745 Contr: (HFD)
11830	S06s	Mode: AM Date/time: 28-7-2010, 0740 UTC Remarks: 745 213 6 54462 Contr: (FN)
12114	M12	Mode: CW Date/time: Fri 2-7-2010, 0620 UTC Remarks: 714 Contr: (HFD)
12116.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 1300 UTC Remarks: 52132 42152 57451 Contr: (BS3)
12116.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 1300 UTC Remarks: 52132 42152 57451 Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0500 UTC Remarks: RDFT no decode QRM Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0500 UTC Remarks: RDFT no decode QRM Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Fri 9-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Fri 9-7-2010, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12125.0	M12	Mode: CW Date/time: Tue 6-7-2010, 2120 UTC Remarks: Morse. ID:411 ttt (411 000). M13 has ever send ID411 000 but it ceased Contr: (SWL1409)
12125.0	M12	Mode: CW Date/time: Tue 6-7-2010, 2120 UTC Remarks: Morse. ID:411 ttt (411 000). M13 has ever send ID411 000 but it ceased Contr: (SWL1409)
12130.0	M8a	Mode: CW Date/time: Mon 26-7-2010, 1400 UTC Remarks: 5f cut nums: 32231 91641 51021 Good sig. Contr: (westli)
12130.0	M8a	Mode: CW Date/time: Mon 26-7-2010, 1400 UTC Remarks: 5f cut nums: 32231 91641 51021 Good sig. Contr: (westli)

12134.0	M8a	Mode: AM Date/time: Thu 8-7-2010, 1400 UTC Remarks: 52132 42152 57451 Contr: (BS3)
12134.0	M8a	Mode: AM Date/time: Thu 8-7-2010, 1400 UTC Remarks: 52132 42152 57451 Contr: (BS3)
12134.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 1400 UTC Remarks: 5f cut nums: 52132 42152 57451 Good sig. Contr:
12134.0	M8a	Mode: CW Date/time: Thu 8-7-2010, 1400 UTC Remarks: 5f cut nums: 52132 42152 57451 Good sig. Contr:
12134.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 1400 UTC Remarks: 5f cut nums: 81251 68561 15611 Weak sig. Contr: (westli)
12134.0	M8a	Mode: CW Date/time: Thu 15-7-2010, 1400 UTC Remarks: 5f cut nums: 81251 68561 15611 Weak sig. Contr: (westli)
12134.0	M8a	Mode: CW Date/time: Mon 19-7-2010, 1400 UTC Remarks: 5f cut nums: 20241 37262 46681 Good sig. Contr: (westli)
12134.0	M8a	Mode: CW Date/time: Mon 19-7-2010, 1400 UTC Remarks: 5f cut nums: 20241 37262 46681 Good sig. Contr: (westli)
12134.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 1400 UTC Remarks: 5f cut nums: Good sig. Up late IP. QRM Contr: (westli)
12134.0	M8a	Mode: CW Date/time: Thu 29-7-2010, 1400 UTC Remarks: 5f cut nums: Good sig. Up late IP. QRM Contr: (westli)
12165	S06s	Mode: AM Date/time: 26-7-2010, 1210 UTC Remarks: 831 264 5 92625 Contr: (FN)
12180.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 1900 UTC Remarks: 60221 22261 50232 Contr: (BS3)
12180.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 1900 UTC Remarks: 60221 22261 50232 Contr: (BS3)
12183	M12	Mode: CW Date/time: Wed 7-7-2010, 1700 UTC Remarks: 199 1 Contr: (HFD)
12184	M42	Mode: Baudot 50/500E Date/time: 21-7-2010, 0907 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
12210	S06	Mode: AM Date/time: Mon 26-7-2010, 2015 UTC Remarks: 346 0 Contr: (HFD)
12214.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 1300 UTC Remarks: TFC up late Contr: (BS3)
12214.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 1300 UTC Remarks: TFC up late Contr: (BS3)
12214.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1300 UTC Remarks: TFC up late Contr: (BS3)
12214.0	M8a	Mode: CW Date/time: Fri 9-7-2010, 1300 UTC Remarks: TFC up late Contr: (BS3)
12224	X06	Mode: AM Date/time: 7-7-2010, 1604 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)

12224	X06	Mode: AM Date/time: 7-7-2010, 1801 UTC Remarks: Mazielka. Sequence: 463125 Contr: (HS2)
12224	X06	Mode: AM Date/time: 14-7-2010, 2047 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 14-7-2010, 2047 UTC Remarks: Mazielka. Contr: (Dan)
12230	M42	Mode: Baudot 50/500E Date/time: 22-7-2010, 1001 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
12230	M42	Mode: Baudot 50/500E Date/time: 26-7-2010, 0651 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
12385	E11	Mode: USB Date/time: Mon 26-7-2010, 0850 UTC Remarks: 534/00 Contr: (HFD)
12924	E11	Mode: USB Date/time: Tue 20-7-2010, 1130 UTC Remarks: 950/10 Contr: (HFD)
12924	E11	Mode: USB Date/time: Tue 20-7-2010, 1205 UTC Remarks: 950/10 Contr: (HFD)
12924	E11	Mode: USB Date/time: Wed 21-7-2010, 1130 UTC Remarks: 751/29 Contr: (HFD)
12924	E11	Mode: USB Date/time: Wed 21-7-2010, 1205 UTC Remarks: 754/555/00 Contr: (HFD)
12924	E11	Mode: USB Date/time: Thu 22-7-2010, 1130 UTC Remarks: 752/10 Contr: (HFD)
12924	E11	Mode: USB Date/time: Thu 22-7-2010, 1205 UTC Remarks: 754/555/00 Contr: (HFD)
12924	E11	Mode: USB Date/time: Fri 23-7-2010, 1130 UTC Remarks: 752/10 Contr: (HFD)
12924	E11	Mode: USB Date/time: Fri 23-7-2010, 1205 UTC Remarks: 754/555/00 Contr: (HFD)
12935	S06s	Mode: AM Date/time: 27-7-2010, 0810 UTC Remarks: 352 901 6 75164 Contr: (FN)
12952	S06s	Mode: AM Date/time: Thu 29-7-2010, 0900 UTC Remarks: 167 0 Contr: (HFD)
13374.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 1400 UTC Remarks: 40071 14711 73262 Contr: (BS3)
13374.0	M8a	Mode: CW Date/time: Tue 6-7-2010, 1400 UTC Remarks: 40071 14711 73262 Contr: (BS3)
13375.0	M8a	Mode: CW Date/time: Tue 27-7-2010, 1400 UTC Remarks: 5f cut nums: 11561 13372 45382 Very weak sig. Contr: (westli)
13375.0	M8a	Mode: CW Date/time: Tue 27-7-2010, 1400 UTC Remarks: 5f cut nums: 11561 13372 45382 Very weak sig. Contr: (westli)
13380.0	M8a	Mode: MCW Date/time: Tue 27-7-2010, 2000 UTC Remarks: 5f cut nums: 41502 7117. 35621 Very weak sig. Contr: (westli)
13380.0	M8a	Mode: MCW Date/time: Tue 27-7-2010, 2000 UTC Remarks: 5f cut nums: 41502 7117. 35621 Very weak sig. Contr: (westli)

13380.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0530 UTC Remarks: RDFT 16146187.txt 1024 bytes Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Mon 5-7-2010, 0530 UTC Remarks: RDFT 16146187.txt 1024 bytes Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0530 UTC Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Tue 6-7-2010, 0530 UTC Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0530 UTC Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Thu 8-7-2010, 0530 UTC Remarks: RDFT no decode Contr: (BS3)
13380.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 2000 UTC Remarks: 60221 22261 50232 Contr: (BS3)
13380.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 2000 UTC Remarks: 60221 22261 50232 Contr: (BS3)
13380.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 2000 UTC Remarks: SSYL atencion: 60221 22261 70232 Very weak sig. Contr:
13380.0	V2a	Mode: AM Date/time: Thu 8-7-2010, 2000 UTC Remarks: SSYL atencion: 60221 22261 70232 Very weak sig. Contr:
13380.0	V2a	Mode: LSB Date/time: Thu 29-7-2010, 2000 UTC Remarks: SSYL atencion: 56791 57812 07451 Good sig. Contr: (westli)
13380.0	V2a	Mode: LSB Date/time: Thu 29-7-2010, 2000 UTC Remarks: SSYL atencion: 56791 57812 07451 Good sig. Contr: (westli)
13382	M42	Mode: CROWD-36 Date/time: 12-7-2010, 0922 UTC Remarks: Russian Gov/Intel. Contr: (Imp-IT)
13392	M12	Mode: CW Date/time: 28-7-2010, 1520 UTC Remarks: 944 1 822 185 88635 rpt. of 26.7 1300z Contr: (FN)
13412	E07	Mode: AM Date/time: Mon 12-7-2010, 1920 UTC Remarks: 845 0 Contr: (HFD)
13412	E07	Mode: AM Date/time: Wed 14-7-2010, 1920 UTC Remarks: 845 0 Contr: (HFD)
13412	E07	Mode: AM Date/time: 26-7-2010, 1920 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
13412	E07	Mode: AM Date/time: 28-7-2010, 1920 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
13412	E07	Mode: AM Date/time: 28-7-2010, 1920 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
13423	X06	Mode: AM Date/time: 12-7-2010, 0818 UTC Remarks: Mazielka. Sequence: 421635 Contr: (HS2)
13427	XPA	Mode: AM Date/time: Fri 2-7-2010, 0640 UTC Remarks: msg Contr: (HFD)
13448	X06	Mode: AM Date/time: 16-7-2010, 0732 UTC

		Remarks: Mazielka. Sequence: 162543 Contr: (linkz)
13452	X06	Mode: AM Date/time: 5-7-2010, 0647 UTC
		Remarks: Mazielka. Sequence: 165324 Contr: (HS2)
13457	M51	Mode: CW Date/time: 19-7-2010, 2229 UTC
		Remarks: Contr: (BCI)
13468	E07	Mode: AM Date/time: 4-7-2010, 1700 UTC
		Remarks: 441 000 Contr: (MUK)
13468	E07	Mode: AM Date/time: Sun 4-7-2010, 1700 UTC
		Remarks: 441 0 Contr: (HFD)
13472	M12	Mode: CW Date/time: 26-7-2010, 1320 UTC
		Remarks: 944 1 822 185 88635 Contr: (FN)
13527.7	MX	Mode: CW Date/time: 7-7-2010, 1831 UTC
		Remarks: Russian Navy Beacon "D" Sevastopol Contr: (norave)
13527.7	MX	Mode: CW Date/time: 16-7-2010, 1709 UTC
		Remarks: Beacon "D" Sevastopol Contr: (AB)
13527.7	MX	Mode: CW Date/time: 18-7-2010, 0534 UTC
		Remarks: Beacon "D" Sevastopol Contr: (AB)
13527.7	MX	Mode: CW Date/time: 20-7-2010, 0701 UTC
		Remarks: Beacon "D" Sevastopol Contr: (VL)
13527.7	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC
		Remarks: Beacon "D" Contr: (CK)
13527.7	MX	Mode: CW Date/time: 21-7-2010, 1214 UTC
		Remarks: Beacon "D" Sevastopol Contr: (AB)
13527.7	MX	Mode: CW Date/time: 21-7-2010, 1817 UTC
		Remarks: Beacon "D" Contr: (PPA)
13527.8	MX	Mode: CW Date/time: 21-7-2010, 1214 UTC
		Remarks: Beacon "P" Kaliningrad Contr: (AB)
13527.8	MX	Mode: CW Date/time: 21-7-2010, 1817 UTC
		Remarks: Beacon "P" Contr: (PPA)
13528	MX	Mode: CW Date/time: 7-7-2010, 1832 UTC
		Remarks: Russian Navy Beacon "C" Moscow Contr: (norave)
13528	MX	Mode: CW Date/time: 20-7-2010, 0702 UTC
		Remarks: Beacon "C" Moscow Contr: (VL)
13528	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC
		Remarks: Beacon "C" Contr: (CK)
13528	MX	Mode: CW Date/time: 21-7-2010, 1818 UTC
		Remarks: Beacon "C" Contr: (PPA)
13528.1	MX	Mode: CW Date/time: 7-7-2010, 1832 UTC
		Remarks: Russian Navy Beacon "A" Astrakan Contr: (norave)
13528.1	MX	Mode: CW Date/time: 16-7-2010, 1709 UTC
		Remarks: Beacon "A" Astrakhan Contr: (AB)
13528.1	MX	Mode: CW Date/time: 18-7-2010, 0534 UTC
		Remarks: Beacon "A" Astrakhan Contr: (AB)
13528.1	MX	Mode: CW Date/time: 21-7-2010, 1214 UTC
		Remarks: Beacon "A" Astrakhan Contr: (AB)
13528.1	MX	Mode: CW Date/time: 21-7-2010, 1818 UTC

		Remarks: Beacon "A" Contr: (PPA)
13528.2	MX	Mode: CW Date/time: 7-7-2010, 1832 UTC Remarks: Russian Navy "F" Beacon Vladivostok Contr: (norave)
13528.2	MX	Mode: CW Date/time: 16-7-2010, 1709 UTC Remarks: Beacon "F" Vladivostok Contr: (AB)
13528.2	MX	Mode: CW Date/time: 21-7-2010, 1820 UTC Remarks: Beacon "F" Contr: (PPA)
13528.3	MX	Mode: CW Date/time: 16-7-2010, 1709 UTC Remarks: Beacon "K" Petropavlovsk Contr: (AB)
13565	S06s	Mode: AM Date/time: Thu 29-7-2010, 0910 UTC Remarks: 167 0 Contr: (HFD)
13908	E11	Mode: USB Date/time: 4-7-2010, 1556 UTC Remarks: in progress Contr: (MUK)
13908	E11	Mode: USB Date/time: Mon 4-7-2010, 1730 UTC Remarks: 648/28=58228 Contr: (HFD)
13908	E11	Mode: USB Date/time: 4-7-2010, 1730 UTC Remarks: in progress Contr: (MUK)
13908	E11	Mode: USB Date/time: Fri 9-7-2010, 1550 UTC Remarks: 642/25 Contr: (HFD)
13908	E11	Mode: USB Date/time: 23-7-2010, 1555 UTC Remarks: in progress,65779 71128 ..., fading out again Contr: (FN)
13972	M12	Mode: CW Date/time: 26-7-2010, 1300 UTC Remarks: 944 1 822 185 88635 Contr: (FN)
13973	E07	Mode: USB Date/time: 17-7-2010, 0824 UTC Remarks: OM/EE 198 198 198 000 Contr: (linkz)
13985	M42	Mode: Baudot 50/500E Date/time: 21-7-2010, 0617 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
14373	S06s	Mode: AM Date/time: 27-7-2010, 0800 UTC Remarks: 352 901 6 75164 Contr: (FN)
14447	X06	Mode: AM Date/time: 16-7-2010, 0738 UTC Remarks: Mazielka. Sequence: 162543 Contr: (linkz)
14492	M12	Mode: CW Date/time: 28-7-2010, 1500 UTC Remarks: 944 1 822 185 88635 rpt. of 26.7 1300z Contr: (FN)
14500	M42	Mode: Baudot 50/500E Date/time: 21-7-2010, 0701 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
14506	M51	Mode: CW Date/time: 29-7-2010, 2011 UTC Remarks: French Army Mont-Valerien with 5LG Contr: (WP3)
14650	X06	Mode: AM Date/time: 5-7-2010, 1632 UTC Remarks: Mazielka. Sequence: 215346 Contr: (GN2)
14650	X06	Mode: AM Date/time: 23-7-2010, 0952 UTC Remarks: Mazielka. Sequence: 215346 Contr: (HS2)
14655.4	M42	Mode: CROWD36 Date/time: 23-7-2010, 0751 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
14671.6	M51	Mode: CW Date/time: 29-7-2010, 0720 UTC

		Remarks: French Mil CSTEI Favières Morse 100FGs messages, dated 1982 //16314 kHz Contr: (FN)
14812	E07	Mode: AM Date/time: 26-7-2010, 1900 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
14812	E07	Mode: AM Date/time: 28-7-2010, 1900 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
14812	E07	Mode: AM Date/time: 28-7-2010, 1900 UTC Remarks: 845 1 782 30 05909 Contr: (FN)
14845	X06	Mode: AM Date/time: 2-7-2010, 0747 UTC Remarks: Mazielka. Sequence: 641523 Contr: (HS2)
14869	M12	Mode: CW Date/time: 21-7-2010, 2133 UTC Remarks: 851 851 851 000 Contr: (MCO)
14871	X06	Mode: AM Date/time: 14-7-2010, 1721 UTC Remarks: Mazielka. Sequence: 156234 Contr: (linkz)
14970	X06	Mode: AM Date/time: 7-7-2010, 0819 UTC Remarks: Mazielka. Sequence: 216354 Contr: (HS2)
15230	S06s	Mode: AM Date/time: Tue 6-7-2010, 0610 UTC Remarks: 438 Contr: (HFD)
15735	M42	Mode: CROWD-36 Date/time: 12-7-2010, 0910 UTC Remarks: Russian Gov/Intel. Contr: (linkz-NL)
15987	S06c	Mode: AM Date/time: 28-7-2010, 1120 UTC Remarks: calling 11021, EOT 1125z Contr: (FN)
16025	X06	Mode: AM Date/time: 25-6-2010, 1442 UTC Remarks: Mazielka. Sequence: 156234 Contr: (GN2)
16025	X06	Mode: AM Date/time: 14-7-2010, 1706 UTC Remarks: Mazielka. Sequence: 156234 Contr: (linkz)
16045.4	M42	Mode: CROWD36 Date/time: 21-7-2010, 0816 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
16045.5	M42	Mode: CROWD-36 Date/time: 5-7-2010, 1303 UTC Remarks: Russian Gov/Intel. Contr: (MCO)
16153.4	M42	Mode: CROWD36 Date/time: 21-7-2010, 0826 UTC Remarks: Russian Gov/Intel. Crypto Contr: (PPA)
16156.5	M42	Mode: CROWD36 Date/time: 19-7-2010, 0858 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
16314	M24?	Mode: CW Date/time: 29-7-2010, 0632 UTC Remarks: Station sending encrypted text, primarily 5 letter groups. Contr: (EW)
16314	M51	Mode: CW Date/time: 29-7-2010, 0720 UTC Remarks: French Mil CSTEI Favières Morse 100FGs messages, dated 1982 //14671.6 kHz Contr: (FN)
16314	M51	Mode: CW Date/time: 29-7-2010, 0736 UTC Remarks: French Army Mont-Valerien "09:35:59 1982 BT WYHID ... " Contr: (WP3)
16320	X06	Mode: AM Date/time: 7-7-2010, 0849 UTC Remarks: Mazielka. Sequence: 241563 Contr: (HS2)
16331.7	MX	Mode: CW Date/time: 16-7-2010, 1715 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
16331.7	MX	Mode: CW Date/time: 18-7-2010, 0534 UTC

16331.7	MX	Remarks: Beacon "D" Sevastopol Contr: (AB) Mode: CW Date/time: 18-7-2010, 1415 UTC
16331.7	MX	Remarks: Beacon Severomorsk "S" Contr: (MUK) Mode: CW Date/time: 20-7-2010, 0703 UTC
16331.7	MX	Remarks: Beacon "D" Sevastopol Contr: (VL) Mode: CW Date/time: 20-7-2010, 0810 UTC
16331.7	MX	Remarks: Beacon "D" Contr: (CK) Mode: CW Date/time: 21-7-2010, 1214 UTC
16331.7	MX	Remarks: Beacon "D" Sevastopol Contr: (AB) Mode: CW Date/time: 21-7-2010, 1214 UTC
16331.8	MX	Remarks: Beacon "D" Sevastopol Contr: (AB) Mode: CW Date/time: 18-7-2010, 1415 UTC
16331.8	MX	Remarks: Beacon Sevastopol "D" Contr: (MUK) Mode: CW Date/time: 20-7-2010, 0704 UTC
16331.8	MX	Remarks: Beacon "P" Kaliningrad Contr: (VL) Mode: CW Date/time: 20-7-2010, 0810 UTC
16331.9	MX	Remarks: Beacon "P" Contr: (CK) Mode: CW Date/time: 17-7-2010, 1105 UTC
16331.9	MX	Remarks: Beacon "S" Contr: (norave) Mode: CW Date/time: 20-7-2010, 0705 UTC
16331.9	MX	Remarks: Beacon "S" Severomorsk Contr: (VL) Mode: CW Date/time: 22-7-2010, 0707 UTC
16332.1	MX	Remarks: Beacon "S" Contr: (AB) Mode: CW Date/time: 17-7-2010, 1105 UTC
16332.1	MX	Remarks: Beacon "A" Contr: (norave) Mode: CW Date/time: 18-7-2010, 0534 UTC
16332.1	MX	Remarks: Beacon "A" Astrakhan Contr: (AB) Mode: CW Date/time: 20-7-2010, 0706 UTC
16332.1	MX	Remarks: Beacon "A" Astrakhan Contr: (VL) Mode: CW Date/time: 20-7-2010, 0810 UTC
16332.2	MX	Remarks: Beacon "C" Contr: (CK) Mode: CW Date/time: 18-7-2010, 0534 UTC
16332.2	MX	Remarks: Beacon "F" Vladivostok Contr: (AB) Mode: CW Date/time: 31-7-2010, 0712 UTC
16332.3	MX	Remarks: Russian Beacon "F" Vladivostok. Contr: (EW) Mode: CW Date/time: 31-7-2010, 0713 UTC
16388	S11a	Remarks: Russian Beacon "K" Petropavlovsk. Contr: (EW) Mode: USB Date/time: Mon 19-7-2010, 1000 UTC
16388	S11a	Remarks: 48#/#0 Contr: (HFD) Mode: USB Date/time: Mon 26-7-2010, 1000 UTC
16530	E11	Remarks: 575/00 Contr: (HFD) Mode: USB Date/time: 18-7-2010, 1320 UTC
16530	E11	Remarks: 640/20 81769 30869 05117 62085 11367 06787 50023 7247? 11217 88470 98369 45568 14176 28025 34544 63327 24760 24487 87640 17562 out Contr: (MUK) Mode: USB Date/time: Sun 25-7-2010, 1320 UTC
16735	S06s	Remarks: 645/30=49565 Contr: (HFD) Mode: AM Date/time: Tue 6-7-2010, 0600 UTC

		Remarks: 438 Contr: (HFD)
18311	M51	Mode: CW Date/time: 20-7-2010, 1559 UTC Remarks: NR 74 J 20 18 03:50 1983 BT MFQEZ CPRMG COEZR QRDMG Contr: (BCI)
19086	M51	Mode: CW Date/time: 19-7-2010, 0923 UTC Remarks: NR J8 J 19 11:24:46 1993 BT NGURJ HHKYM IQECJ JQINV Contr: (BCI)
19526	M42	Mode: Baudot 75/500 Date/time: 22-7-2010, 0936 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
20047.7	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC Remarks: Beacon "D" Contr: (CK)
20047.7	MX	Mode: CW Date/time: 22-7-2010, 0822 UTC Remarks: Beacon "D" Contr: (AB)
20047.8	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC Remarks: Beacon "P" Contr: (CK)
20047.9	MX	Mode: CW Date/time: 22-7-2010, 0822 UTC Remarks: Beacon "S" Contr: (AB)
20048	MX	Mode: CW Date/time: 20-7-2010, 0810 UTC Remarks: Beacon "C" Contr: (CK)
20048.3	MX	Mode: CW Date/time: 22-7-2010, 0822 UTC Remarks: Beacon "K" Contr: (AB)
23189.6	M51	Mode: CW Date/time: 20-7-2010, 1415 UTC Remarks: NR 57 J J0 16:17:43 1983 BT LWNFM DOGKF PDACP Contr: (BCI)

* CONTRIBUTOR *

AB	Ary Boender, Netherlands
AB-HK	Ary Boender via GlobalTuners Hong Kong
AB-IT	Ary Boender via GlobalTuners Italy
AB-SE	Ary Boender via GlobalTuners Sweden
ADMD	AD, MD, USA
AgBr	Agressor, Brazil
AKI	Allan Kissack, UK
ALF	Alf, Germany
BCI	Bruno Casula, Italy
BH	Bryan Herbert, CA, USA
BS3	Barry Sandefer, TN, USA
CC2	Clifford Campos, NV, USA
CK	Costas, Southern Europe
Dan	Daniel
Dxman	Dxman, Russia
EW	Eddy Waters, Australia
FN	Fritz Nusser, Switzerland
GFD	Global Frequency Database

GH	Greg Hajek, ILL, USA
GN2	Gary Neville
HFD	Hans-Friedrich Dumrese, Germany
HS2	Hans Snekvik, W. Europe
Imp	Impaler
Imp-IT	Impaler via GlobalTuners Italy
IP-SE	Ivellios Paranormali, Sweden (remote)
Jojo	Jojo, VA, USA
JPL-HK	JPL via GlobalTuners Hong Kong
JPL-SE	JPL via GlobalTuners Sweden
KBØPQP	KBØPQP, KS, USA
linkz	Linkz, S.E. France
linkz-NL	linkz via GlobalTuners The Netherlands
MCO	Mike Chace-Ortiz, PA, USA
MUK	Mikesndbs, UK
Norave	Norave (GFD)
Ph-HK	Phoenix via Hong Kong
Phil2	Phil (JN37SN)
PPA	Peter Poelstra, Netherlands
rusl	Russell, Australia
SP2	SP, Qualicum Beach, Canada
SWL1409	SWL 1409, France
TI	Tomonori Izumi, Japan
Token	Token, CA, USA
Vambo	Vambo, CO, USA
VL	Vincent Lecler, France
W1JEQ	W1JEQ, MO, USA
w4rtt	Randy, USA
WP3	Wolfgang Palmberger

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Go to <http://groups.yahoo.com/group/udxf/> and follow the instructions.
Website: <http://www.udxf.nl>
- Spooks (spooks related info and logs)
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